

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019541.D
 Acq On : 23 Nov 2020 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 00:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	476445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215146	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	174073	46.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.82%	
35) Dibromofluoromethane		5.46	113	144545	48.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.66%	
50) Toluene-d8		8.70	98	538206	46.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.62%	
62) 4-Bromofluorobenzene		11.12	95	207442	49.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	148376	52.744	ug/l	99
3) Chloromethane	1.31	50	144190	44.666	ug/l	99
4) Vinyl Chloride	1.39	62	172785	49.722	ug/l	100
5) Bromomethane	1.62	94	54113	41.112	ug/l	99
6) Chloroethane	1.68	64	34566	39.983	ug/l	96
7) Trichlorofluoromethane	1.89	101	258337	51.507	ug/l	99
8) Diethyl Ether	2.17	74	105163	52.354	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.35	101	146021	52.185	ug/l	98
10) Methyl Iodide	2.48	142	171985	46.786	ug/l	99
11) Tert butyl alcohol	3.06	59	198016	278.957	ug/l	98
12) 1,1-Dichloroethene	2.34	96	145962	50.823	ug/l	97
13) Acrolein	2.28	56	102994	215.851	ug/l	99
14) Allyl chloride	2.70	41	232999	51.787	ug/l	98
15) Acrylonitrile	3.12	53	437289	261.215	ug/l	99
16) Acetone	2.43	43	409687	282.444	ug/l	99
17) Carbon Disulfide	2.53	76	387405	50.211	ug/l	100
18) Methyl Acetate	2.75	43	183856	51.674	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	549121	55.391	ug/l	99
20) Methylene Chloride	2.82	84	175019	48.276	ug/l	99
21) trans-1,2-Dichloroethene	3.13	96	170329	52.345	ug/l	96
22) Diisopropyl ether	3.83	45	482304	51.819	ug/l	91
23) Vinyl Acetate	3.78	43	2114853	270.893	ug/l	99
24) 1,1-Dichloroethane	3.66	63	294709	51.767	ug/l	100
25) 2-Butanone	4.64	43	593967	272.595	ug/l	98
26) 2,2-Dichloropropane	4.54	77	274743	55.290	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	198969	53.232	ug/l	98
28) Bromochloromethane	4.97	49	123306	45.303	ug/l	97
29) Tetrahydrofuran	5.09	42	356303	256.284	ug/l	98
30) Chloroform	5.17	83	310230	52.115	ug/l	98
31) Cyclohexane	5.54	56	246318	50.492	ug/l	96
32) 1,1,1-Trichloroethane	5.45	97	276066	53.988	ug/l	99
36) 1,1-Dichloropropene	5.76	75	230850	51.683	ug/l	99
37) Ethyl Acetate	4.80	43	221138	52.736	ug/l	99
38) Carbon Tetrachloride	5.74	117	236809	54.773	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	266576	51.257	ug/l	98
40) Benzene	6.10	78	698407	50.890	ug/l	100
41) Methacrylonitrile	5.01	41	118370	51.190	ug/l	98
42) 1,2-Dichloroethane	6.15	62	242541	51.561	ug/l	99
43) Isopropyl Acetate	6.42	43	371031	52.636	ug/l	99
44) Trichloroethene	7.18	130	188666	52.483	ug/l	97
45) 1,2-Dichloropropane	7.49	63	172308	51.000	ug/l	99
46) Dibromomethane	7.63	93	121714	52.636	ug/l	99
47) Bromodichloromethane	7.87	83	240568	53.614	ug/l	98
48) Methyl methacrylate	7.74	41	180949	54.813	ug/l	100
49) 1,4-Dioxane	7.72	88	87871	1172.320	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1111252	270.348	ug/l	99
52) Toluene	8.76	92	436746	52.021	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	273390	56.416	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	297433	55.307	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	177764	51.990	ug/l	98
56) Ethyl methacrylate	9.16	69	279778	57.827	ug/l	99
57) 1,3-Dichloropropane	9.35	76	297281	51.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	745323	262.903	ug/l	98
59) 2-Hexanone	9.48	43	886484	284.362	ug/l	99
60) Dibromochloromethane	9.56	129	190614	56.915	ug/l	98
61) 1,2-Dibromoethane	9.65	107	187989	53.338	ug/l	99
64) Tetrachloroethene	9.32	164	156212	47.325	ug/l	96
65) Chlorobenzene	10.12	112	459148	53.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	174731	55.639	ug/l	99
67) Ethyl Benzene	10.23	91	818837	54.138	ug/l	97
68) m/p-Xylenes	10.34	106	625324	110.971	ug/l	99
69) o-Xylene	10.68	106	300657	55.815	ug/l	100
70) Styrene	10.70	104	517805	51.867	ug/l	99
71) Bromoform	10.84	173	142779	53.405	ug/l	99
73) Isopropylbenzene	11.00	105	792943	53.277	ug/l	99
74) N-amyl acetate	10.88	43	330320	59.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	287608	54.037	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	326667	69.574	ug/l	88
77) Bromobenzene	11.24	156	202353	53.258	ug/l	99
78) n-propylbenzene	11.34	91	902412	52.853	ug/l	99
79) 2-Chlorotoluene	11.40	91	554125	53.514	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	676253	54.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	98442	56.068	ug/l	98
82) 4-Chlorotoluene	11.49	91	650941	53.401	ug/l	100
83) tert-Butylbenzene	11.76	119	661032	54.726	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	686391	54.334	ug/l	99
85) sec-Butylbenzene	11.93	105	757790	52.735	ug/l	100
86) p-Isopropyltoluene	12.05	119	706704	54.167	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	368744	52.846	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	379478	52.797	ug/l	100
89) n-Butylbenzene	12.37	91	625611	53.041	ug/l	98
90) Hexachloroethane	12.58	117	118787	54.411	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	369085	52.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63844	58.798	ug/l	99

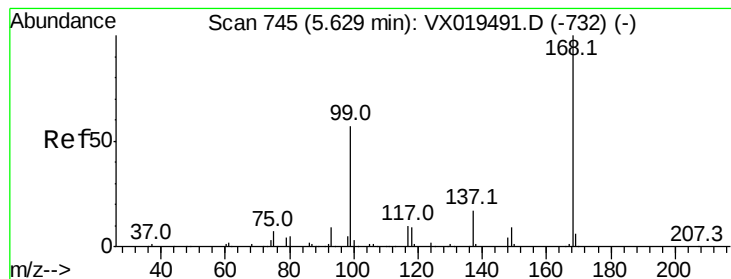
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	242666	53.933	ug/l	99
94) Hexachlorobutadiene	13.76	225	101678	49.607	ug/l	98
95) Naphthalene	13.82	128	843678	53.026	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250581	55.678	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

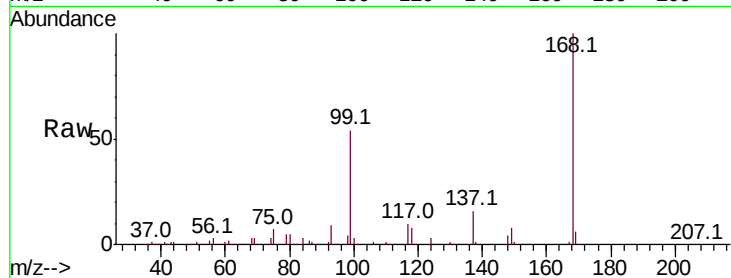
VSTDCCC050

Tot Ion:168 Resp: 289284

Ion Ratio Lower Upper

168 100

99 53.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

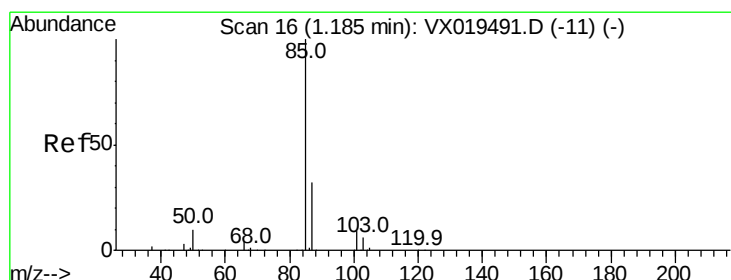
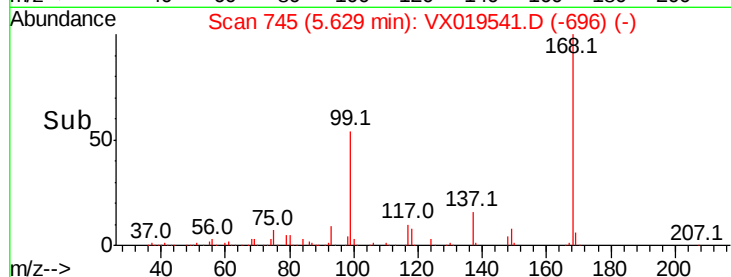
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.744 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019541.D

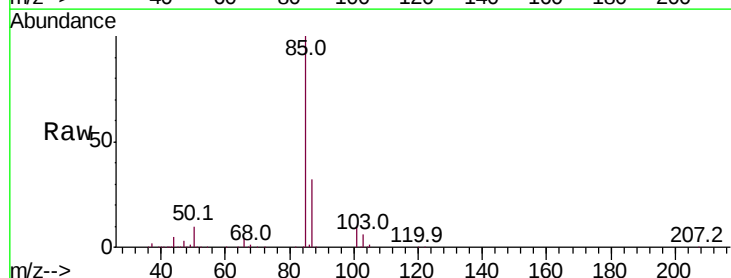
Acq: 23 Nov 2020 10:35

Tgt Ion: 85 Resp: 148376

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

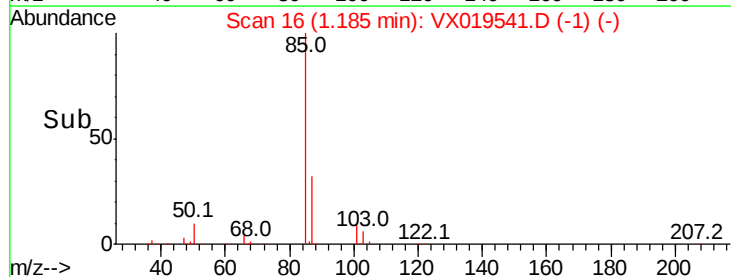
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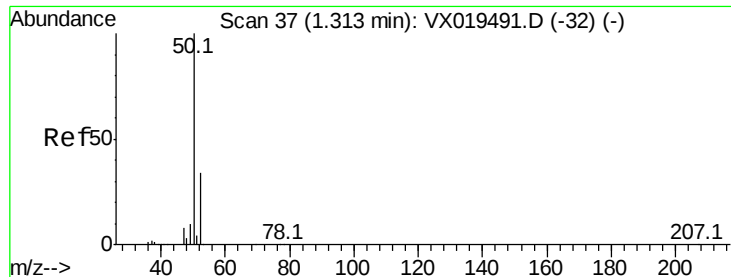
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.666 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

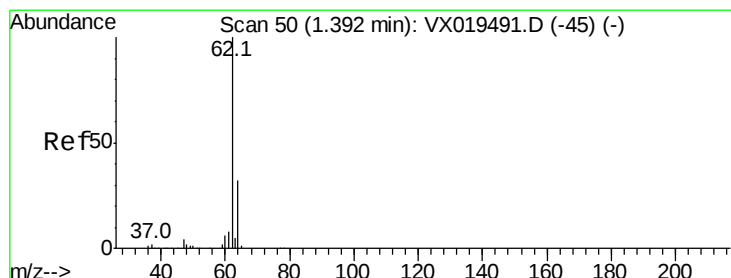
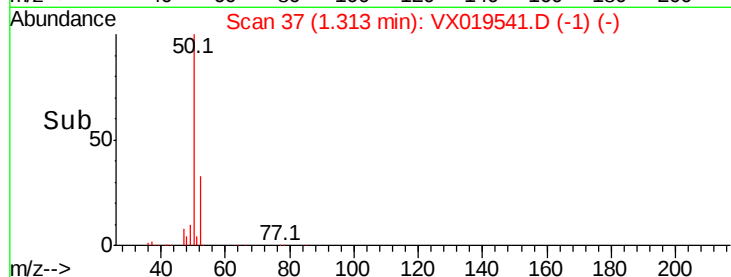
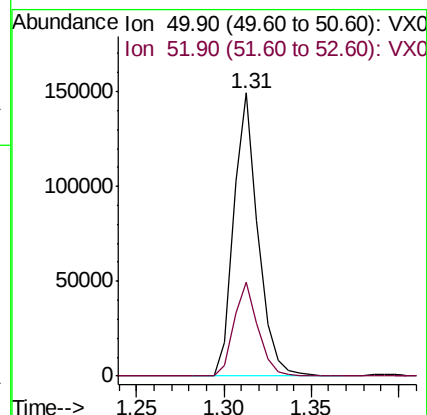
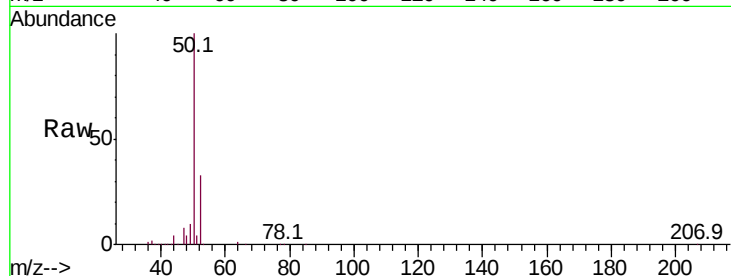
VSTDCCC050

Tot Ion: 50 Resp: 144190

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.6



#4

Vinyl Chloride

Concen: 49.722 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019541.D

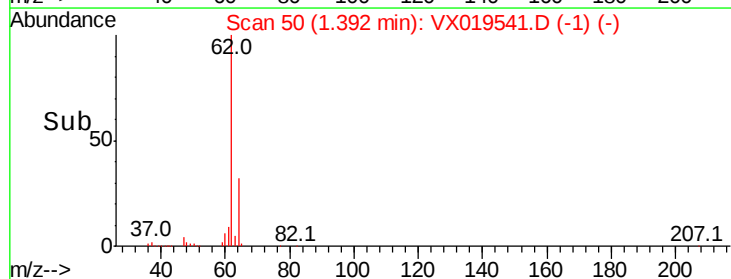
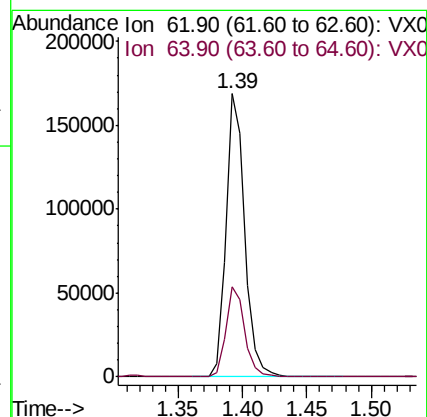
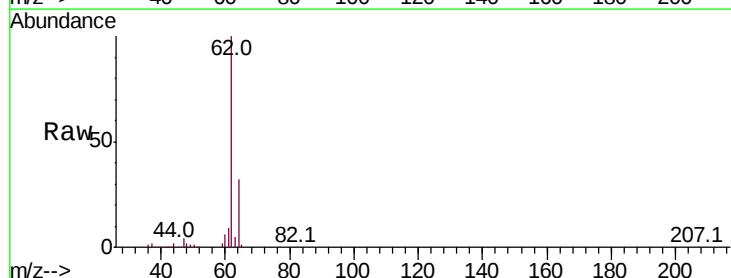
Acq: 23 Nov 2020 10:35

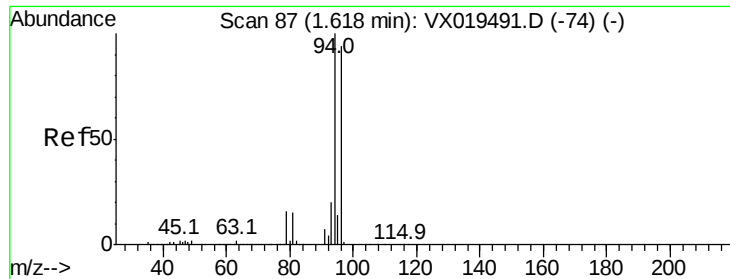
Tgt Ion: 62 Resp: 172785

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 41.112 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

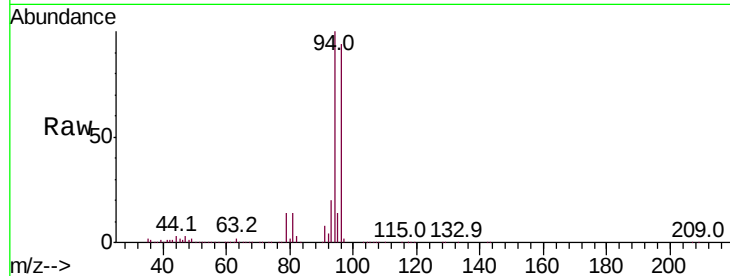
VSTDCCC050

Tot Ion: 94 Resp: 54113

Ion Ratio Lower Upper

94 100

96 93.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

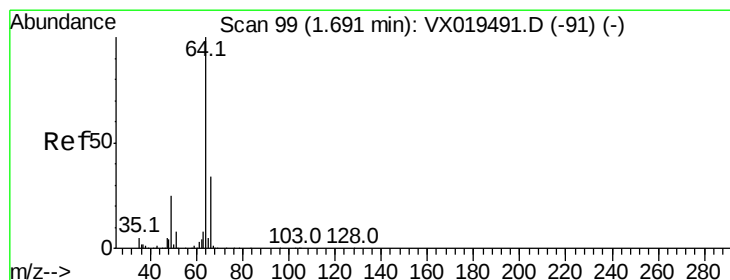
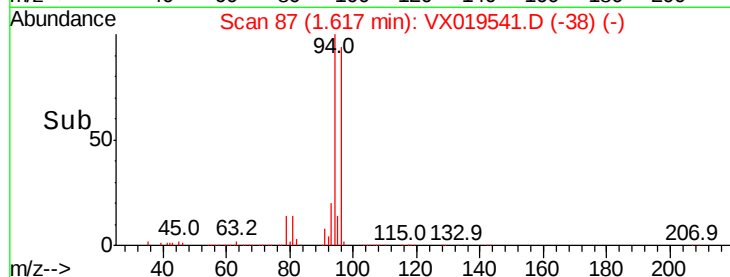
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 39.983 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019541.D

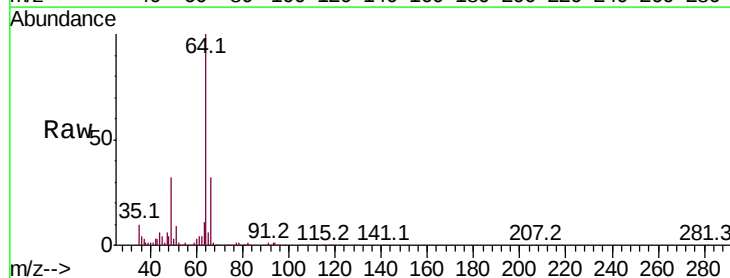
Acq: 23 Nov 2020 10:35

Tgt Ion: 64 Resp: 34566

Ion Ratio Lower Upper

64 100

66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

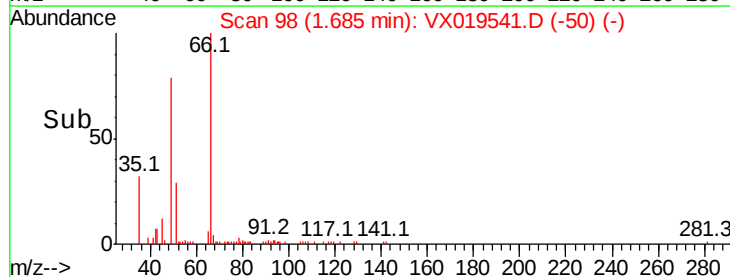
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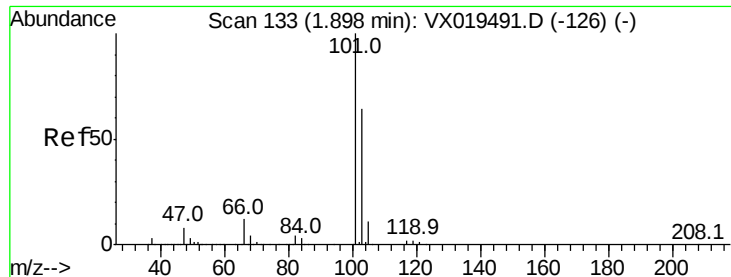
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10000

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Time--> 1.60 1.65 1.70 1.75 1.80



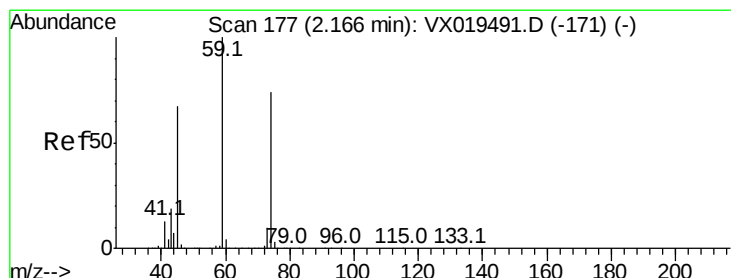
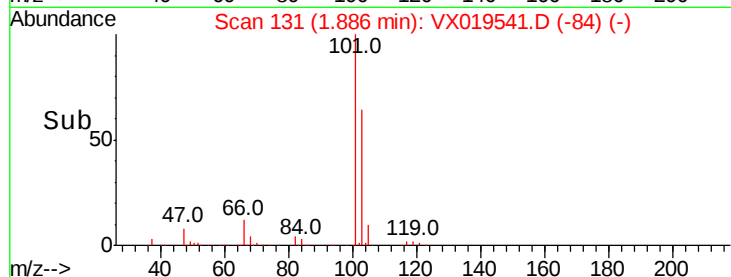
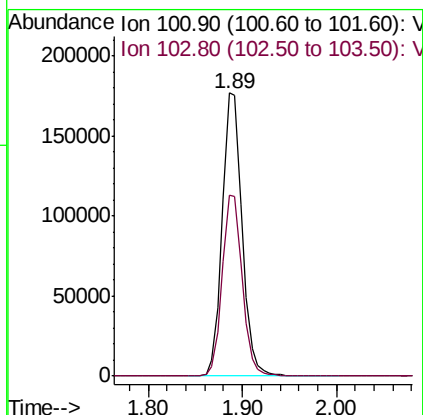
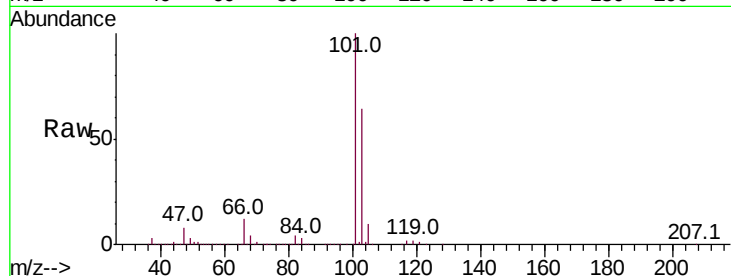


#7

Trichlorofluoromethane
Concen: 51.507 ug/l
RT: 1.89 min Scan# 131
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

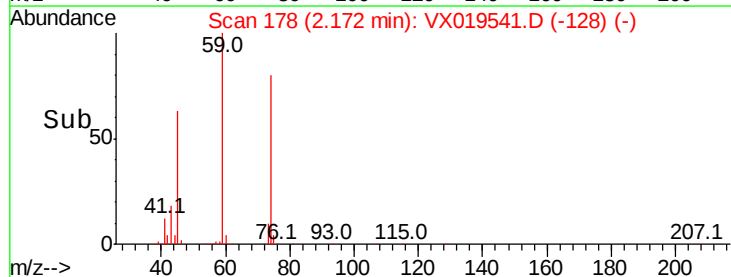
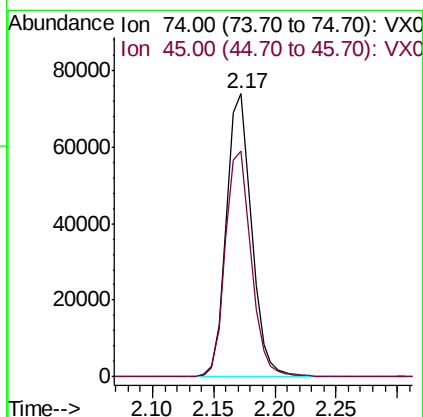
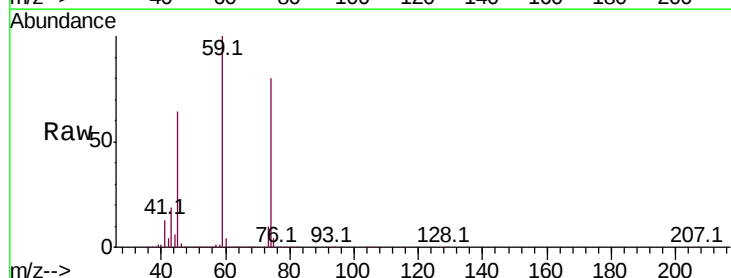
Tot Ion:101 Resp: 258337
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

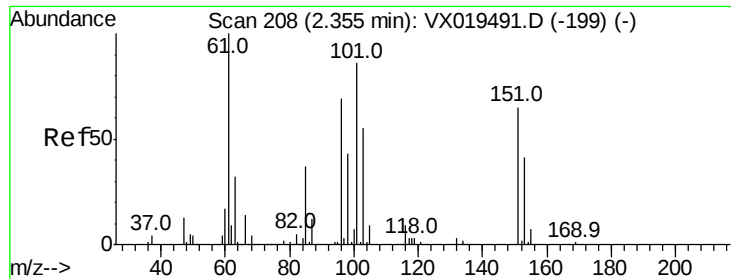


#8

Diethyl Ether
Concen: 52.354 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 74 Resp: 105163
Ion Ratio Lower Upper
74 100
45 81.9 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.185 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

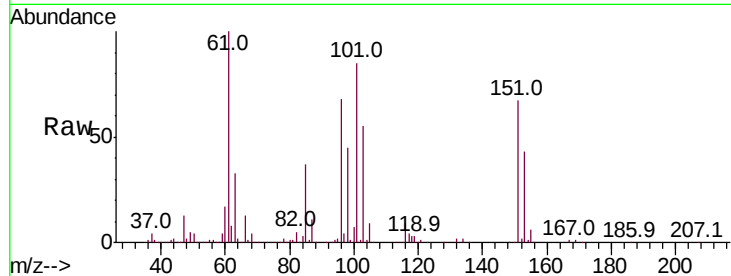
Tot Ion:101 Resp: 146021

Ion Ratio Lower Upper

101 100

85 42.8 33.9 50.9

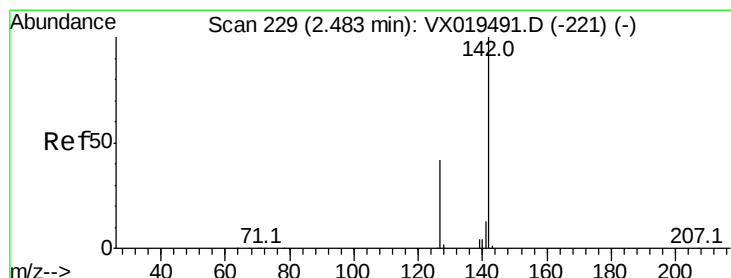
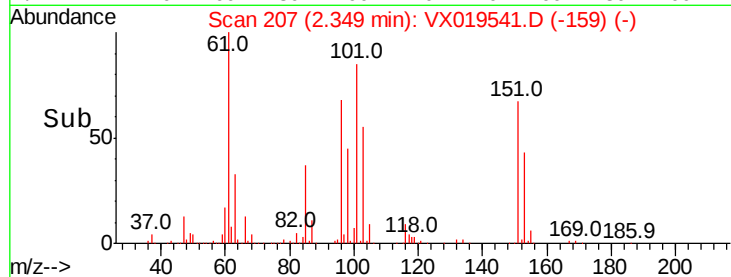
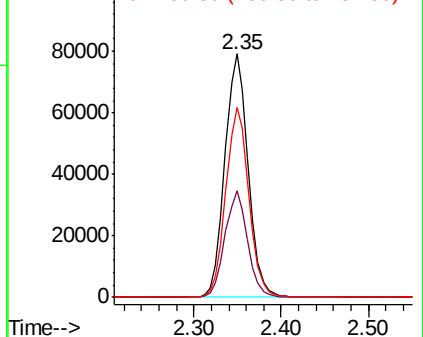
151 77.8 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.786 ug/l

RT: 2.48 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

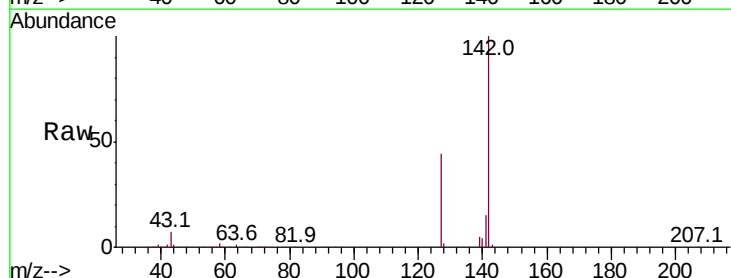
Tgt Ion:142 Resp: 171985

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

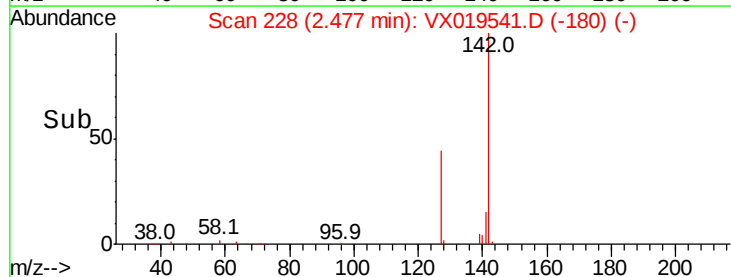
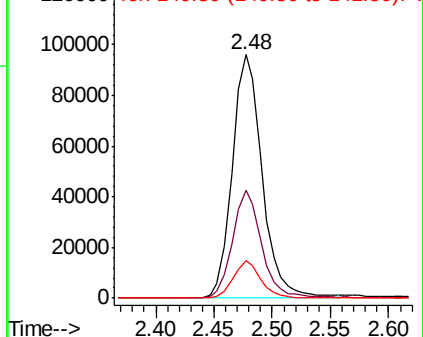
141 14.3 11.0 16.6

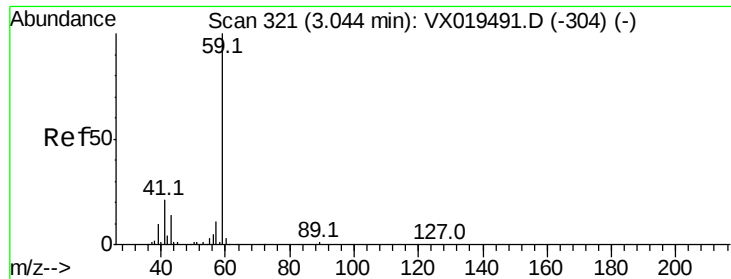


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

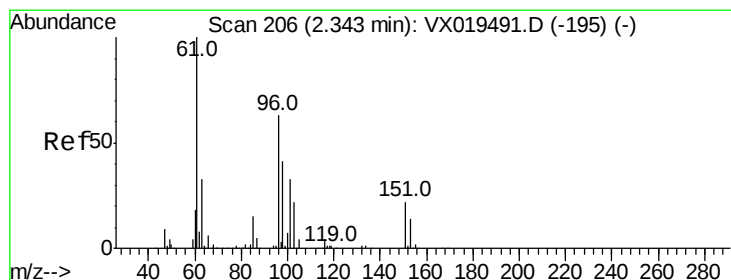
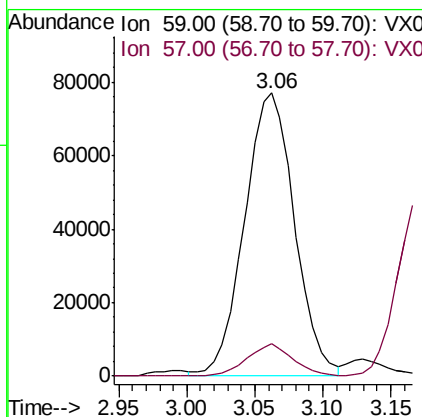
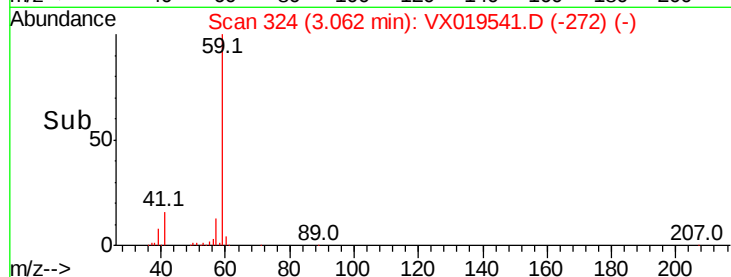
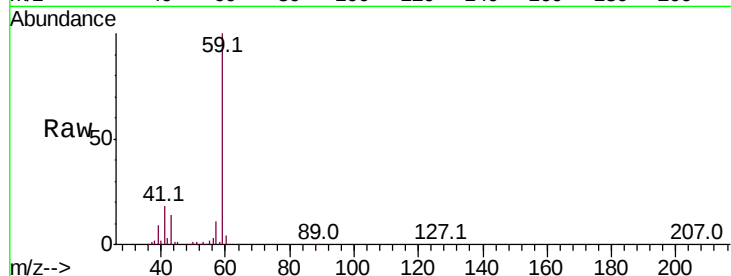




#11
Tert butyl alcohol
Concen: 278.957 ug/l
RT: 3.06 min Scan# 324
Delta R.T. 0.02 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

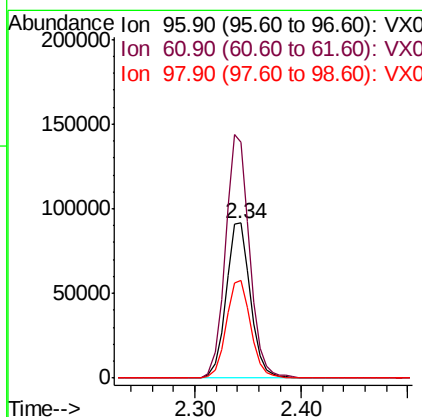
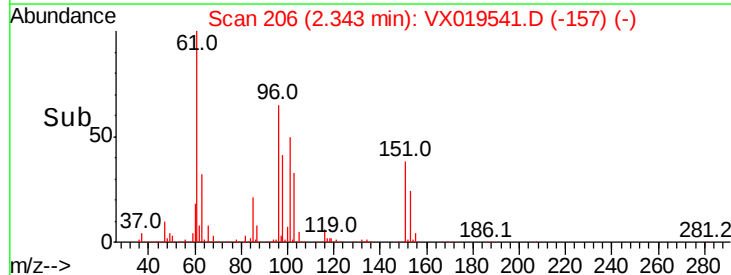
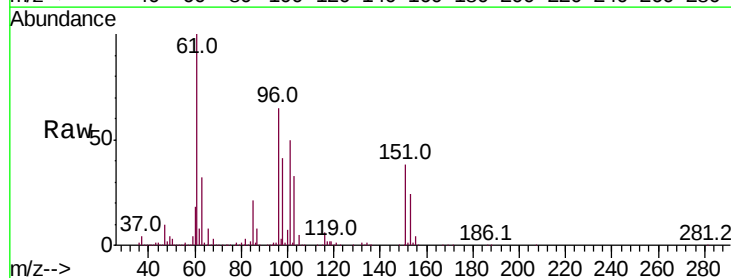
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

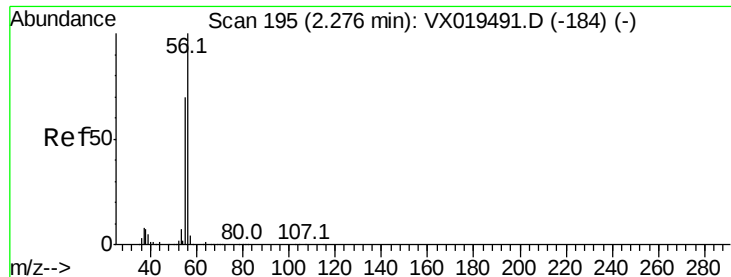
Tot Ion: 59 Resp: 198016
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 50.823 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 96 Resp: 145962
Ion Ratio Lower Upper
96 100
61 152.8 126.0 189.0
98 63.0 52.0 78.0





#13

Acrolein

Concen: 215.851 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

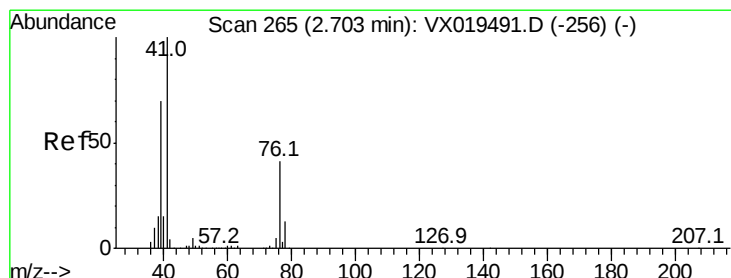
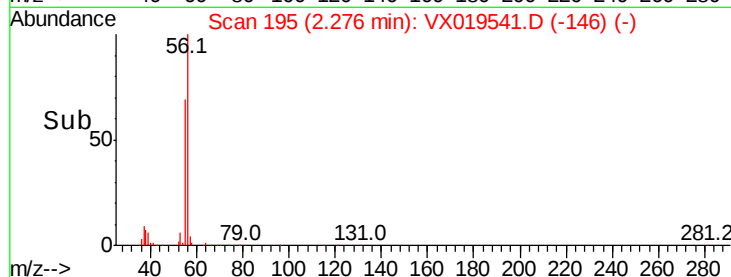
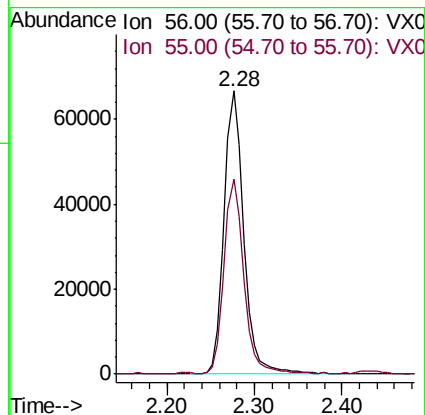
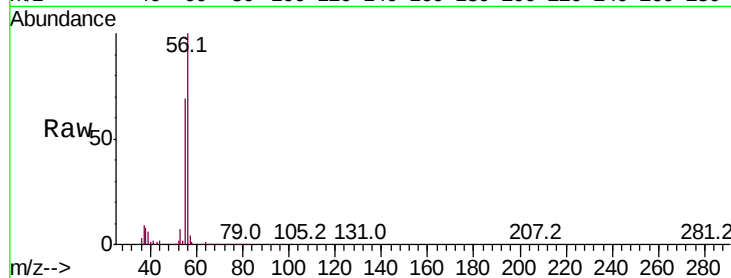
VSTDCCC050

Tot Ion: 56 Resp: 102994

Ion Ratio Lower Upper

56 100

55 68.6 55.5 83.3



#14

Allyl chloride

Concen: 51.787 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

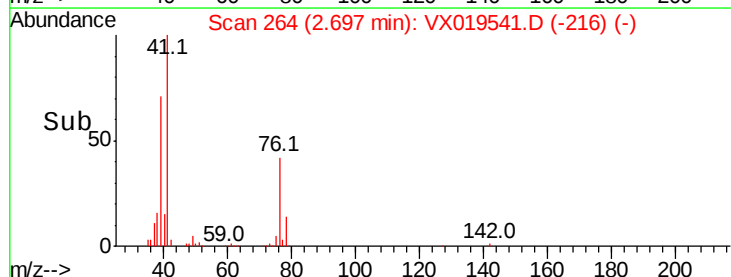
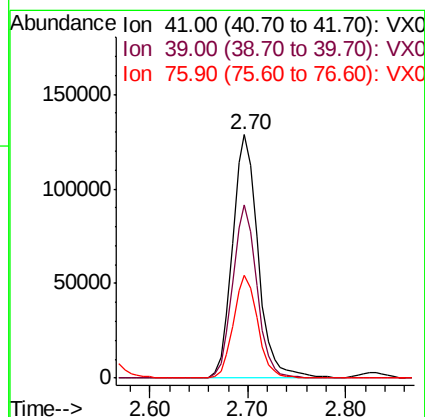
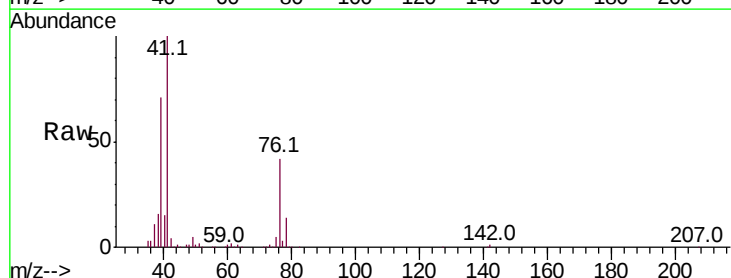
Tgt Ion: 41 Resp: 232999

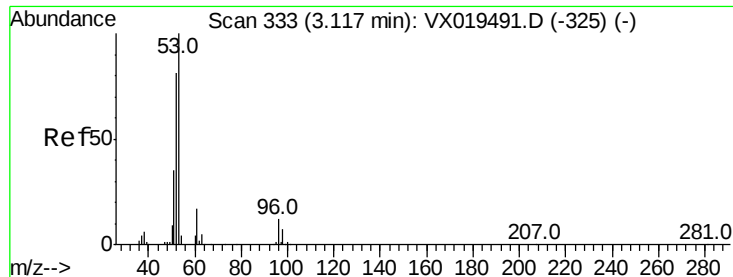
Ion Ratio Lower Upper

41 100

39 67.6 53.0 79.4

76 40.4 31.0 46.6





#15

Acrylonitrile

Concen: 261.215 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

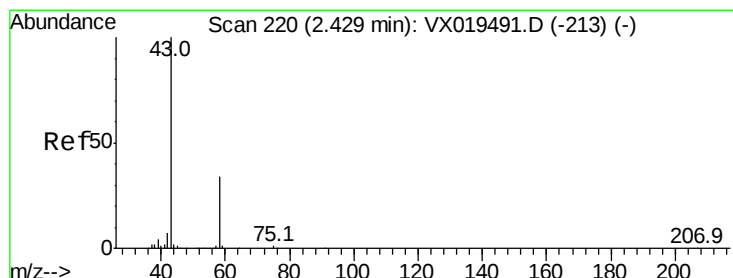
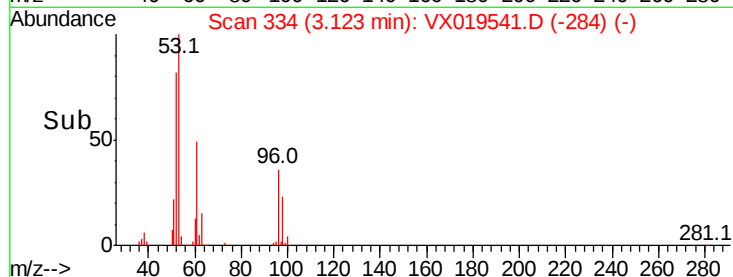
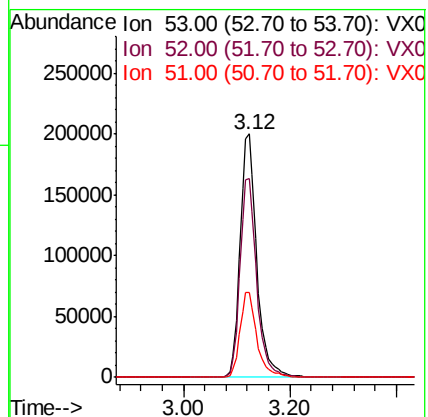
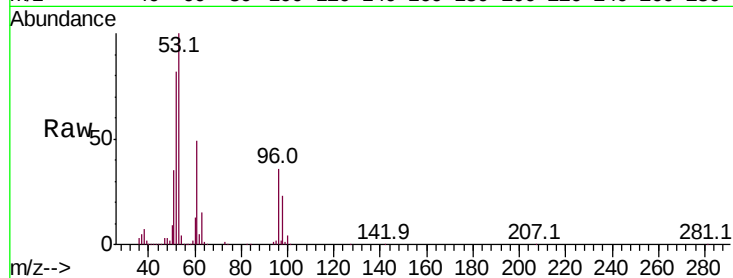
Tot Ion: 53 Resp: 437289

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 34.6 28.5 42.7



#16

Acetone

Concen: 282.444 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX019541.D

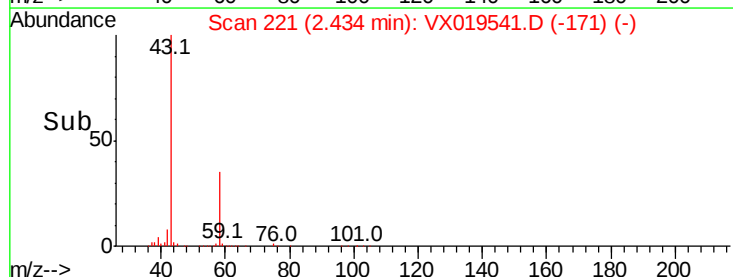
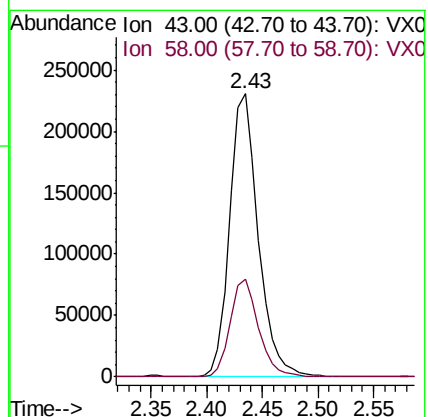
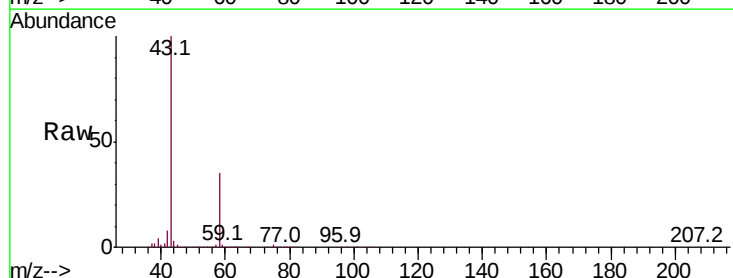
Acq: 23 Nov 2020 10:35

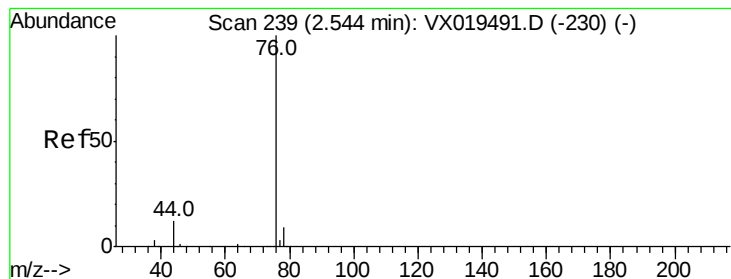
Tgt Ion: 43 Resp: 409687

Ion Ratio Lower Upper

43 100

58 34.7 27.4 41.2





#17

Carbon Disulfide

Concen: 50.211 ug/l

RT: 2.53 min Scan# 237

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

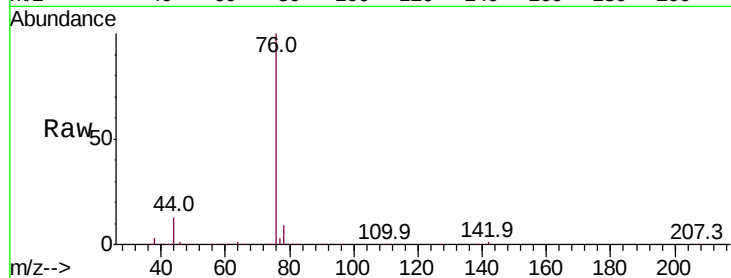
VSTDCCC050

Tot Ion: 76 Resp: 387405

Ion Ratio Lower Upper

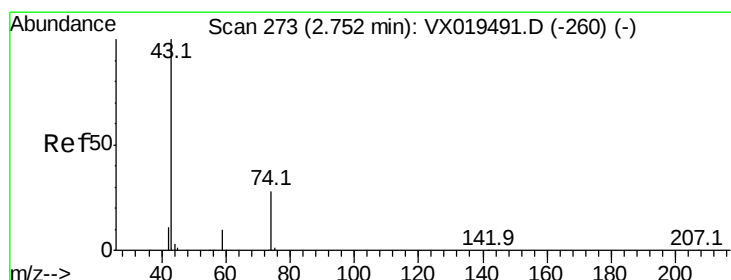
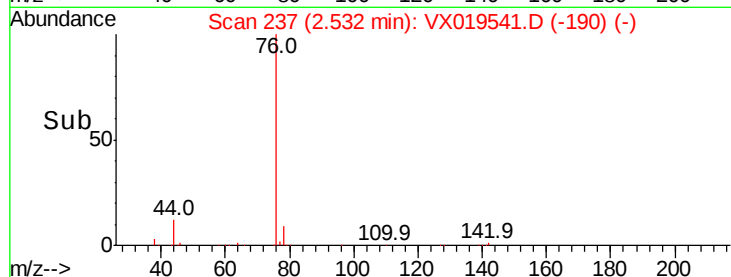
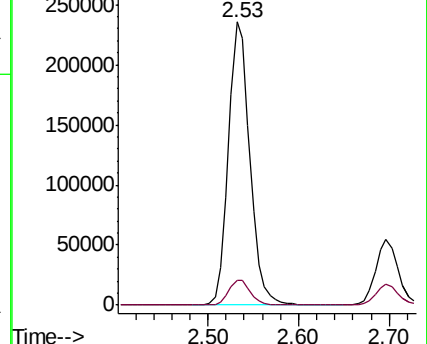
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.674 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019541.D

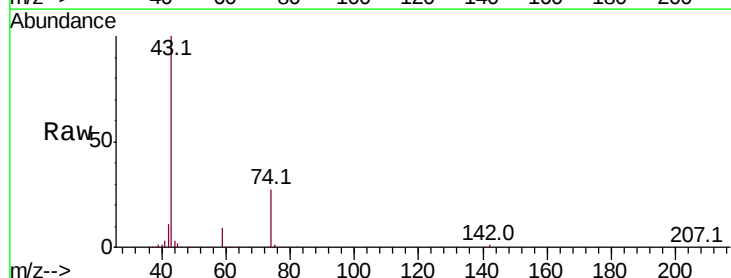
Acq: 23 Nov 2020 10:35

Tgt Ion: 43 Resp: 183856

Ion Ratio Lower Upper

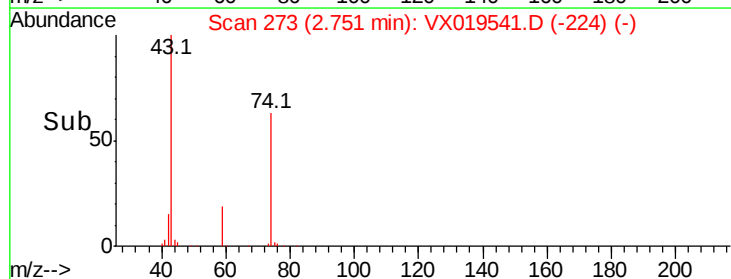
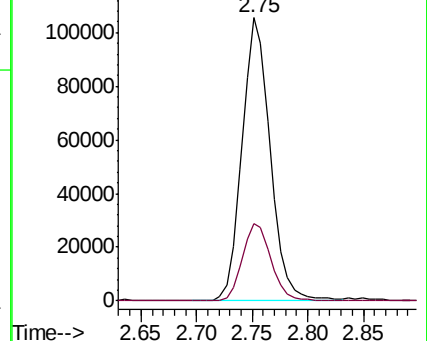
43 100

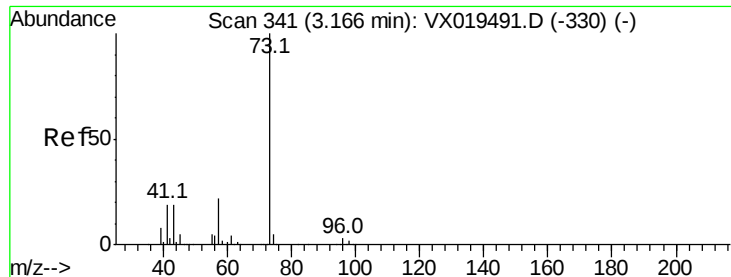
74 27.4 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



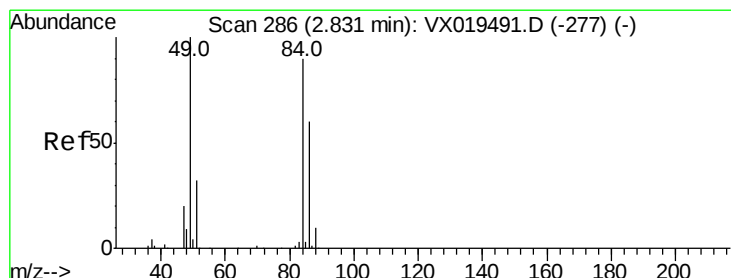
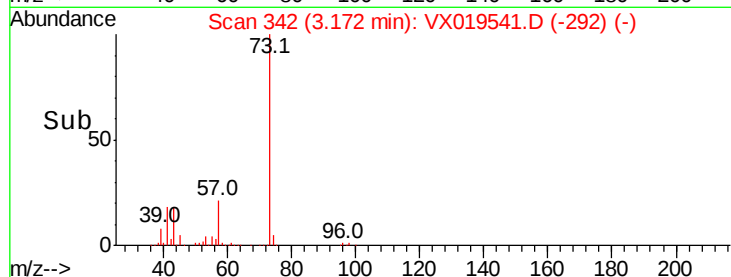
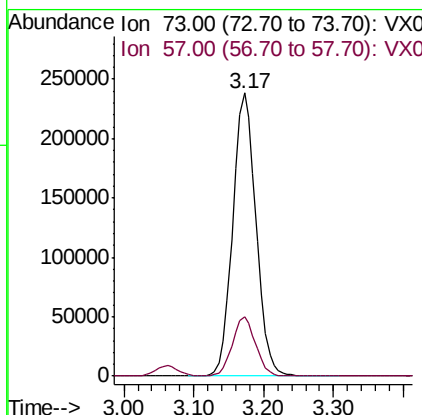
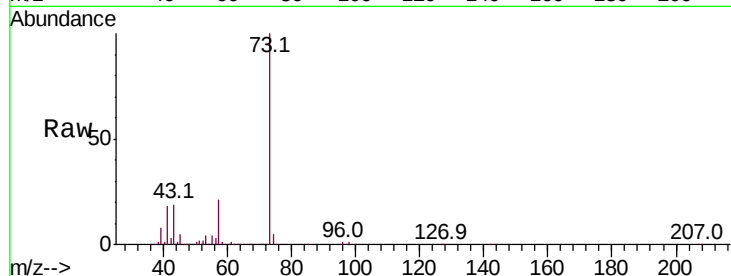


#19

Methyl tert-butyl Ether
 Concen: 55.391 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

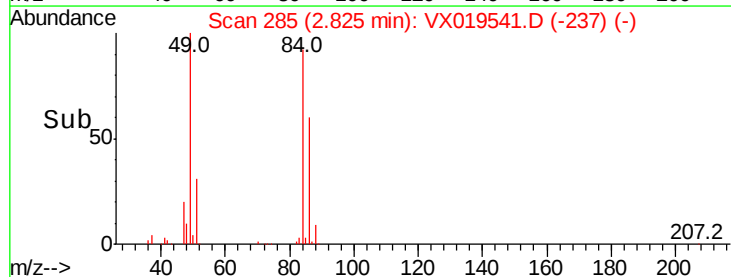
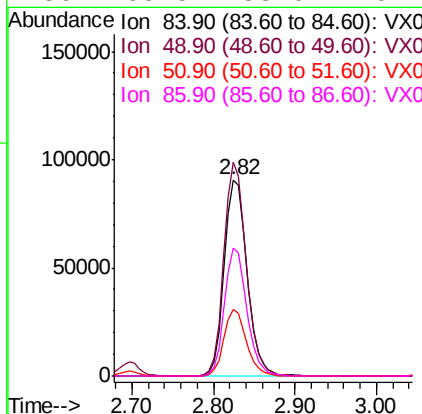
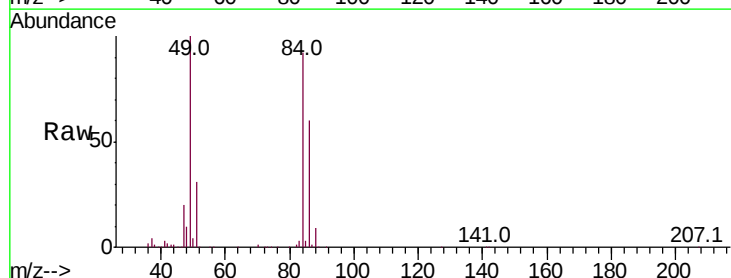
Tot Ion: 73 Resp: 549121
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.3 25.9

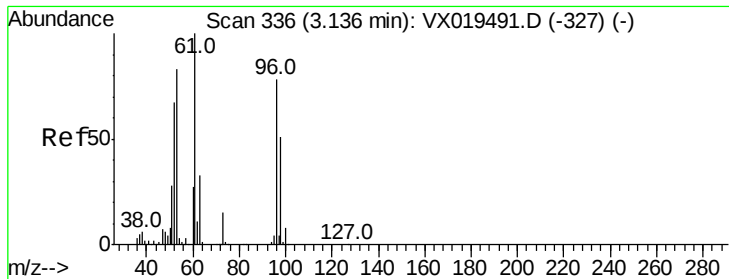


#20

Methylene Chloride
 Concen: 48.276 ug/l
 RT: 2.82 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion: 84 Resp: 175019
 Ion Ratio Lower Upper
 84 100
 49 108.7 88.5 132.7
 51 34.2 28.0 42.0
 86 65.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 52.345 ug/l

RT: 3.13 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

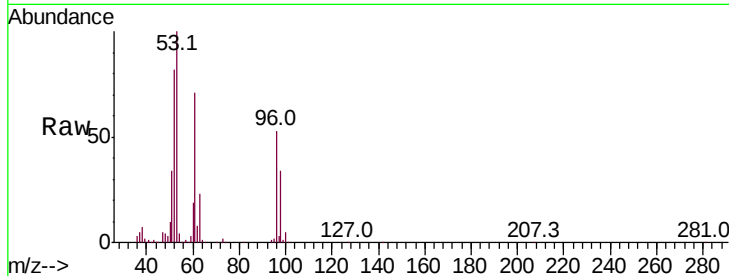
Tot Ion: 96 Resp: 170329

Ion Ratio Lower Upper

96 100

61 134.9 102.9 154.3

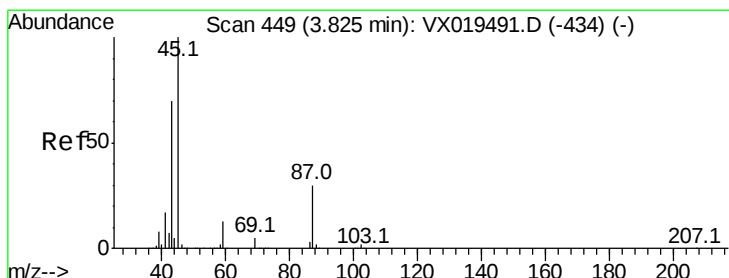
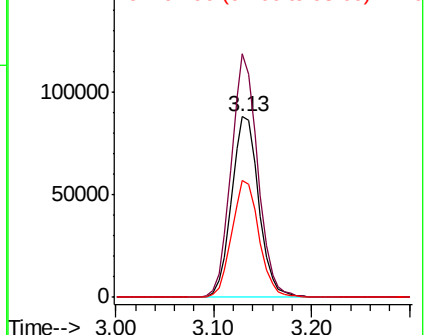
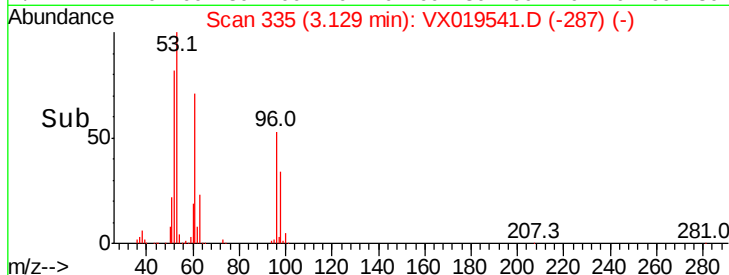
98 64.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.819 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Tgt Ion: 45 Resp: 482304

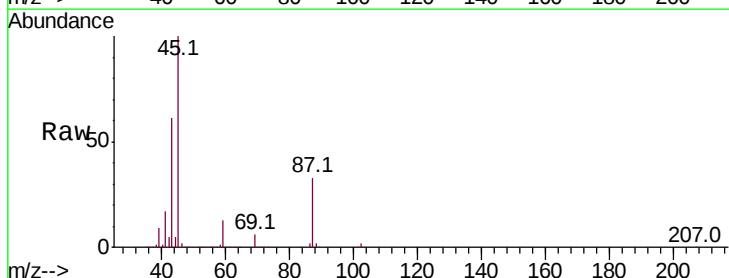
Ion Ratio Lower Upper

45 100

43 60.4 56.1 84.1

87 32.8 24.2 36.2

59 12.8 10.2 15.2

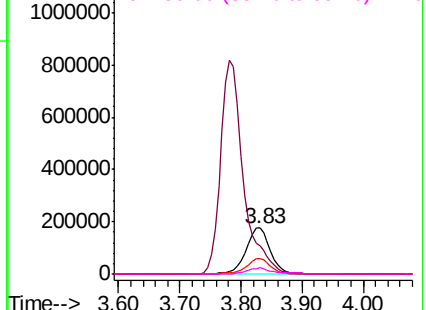
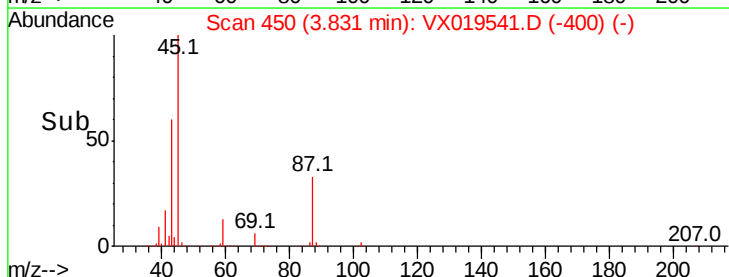


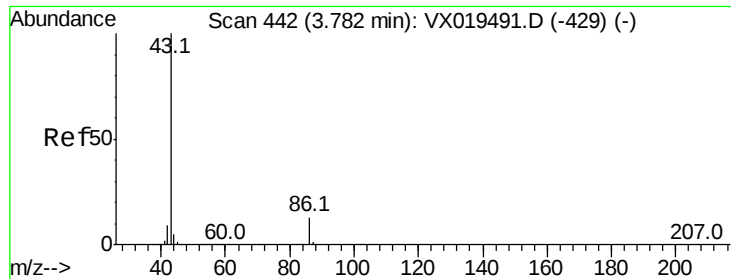
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.893 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

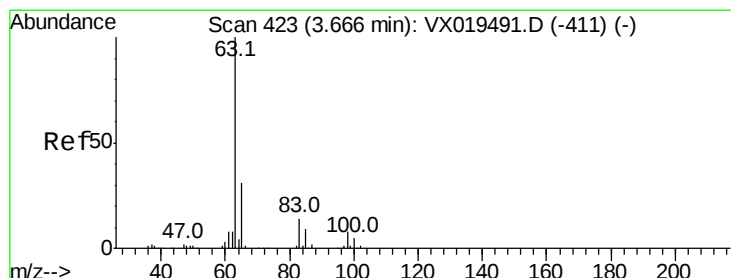
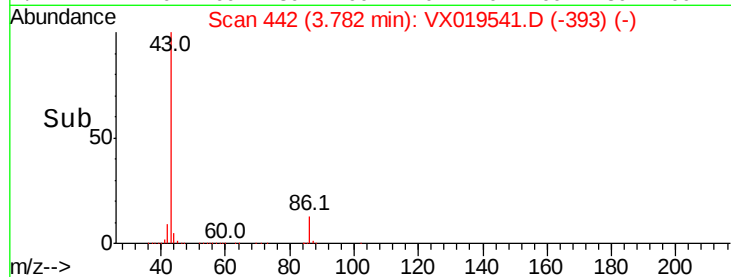
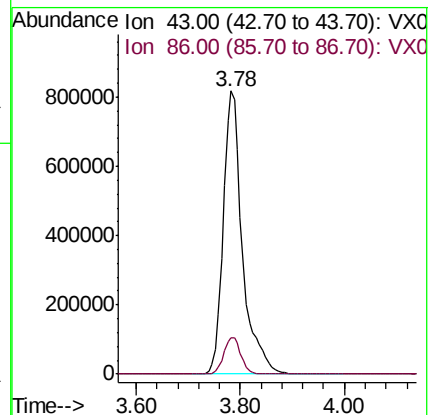
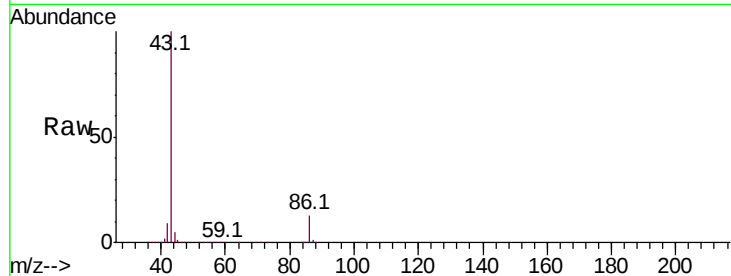
VSTDCCC050

Tot Ion: 43 Resp: 2114853

Ion Ratio Lower Upper

43 100

86 13.0 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.767 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

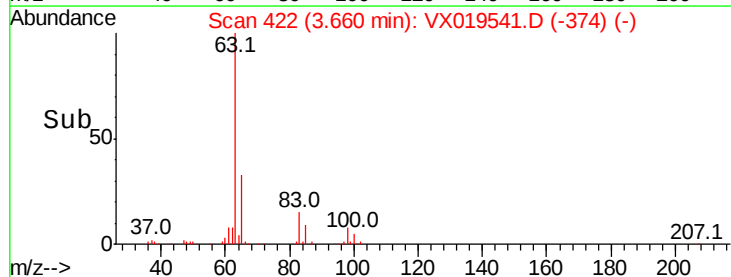
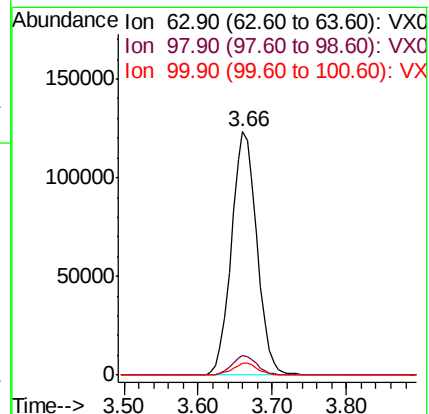
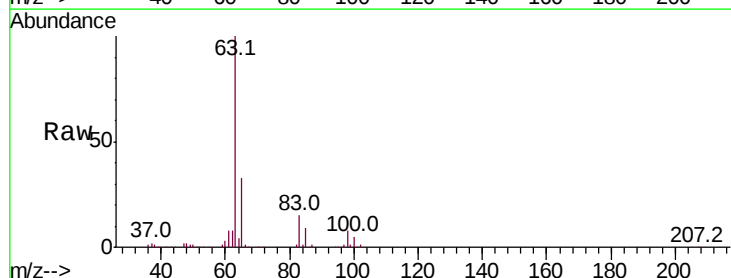
Tgt Ion: 63 Resp: 294709

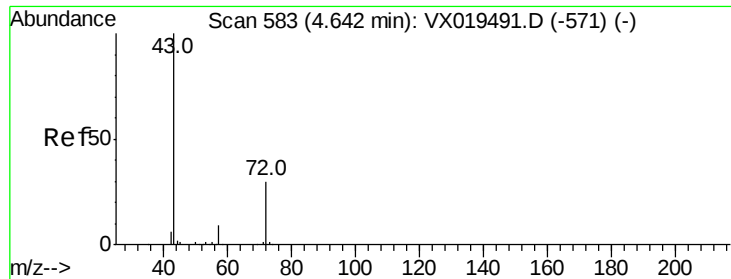
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 272.595 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

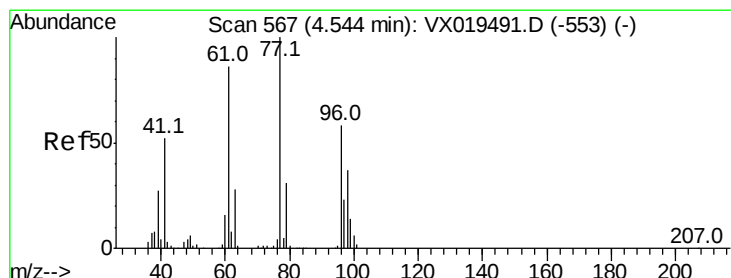
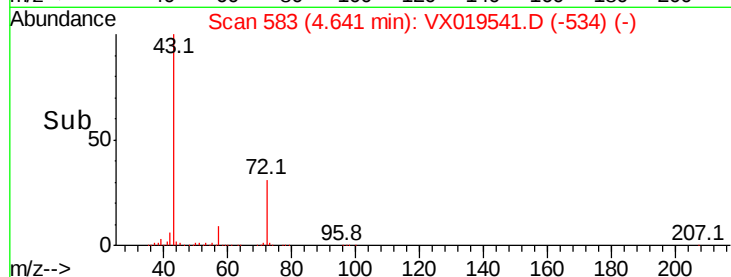
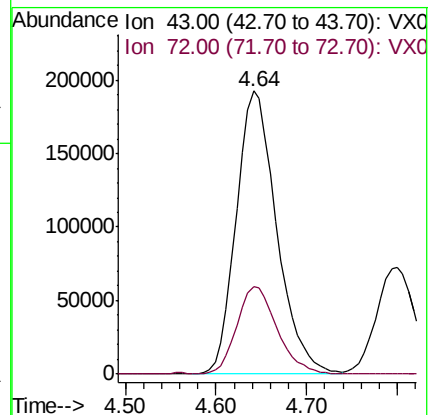
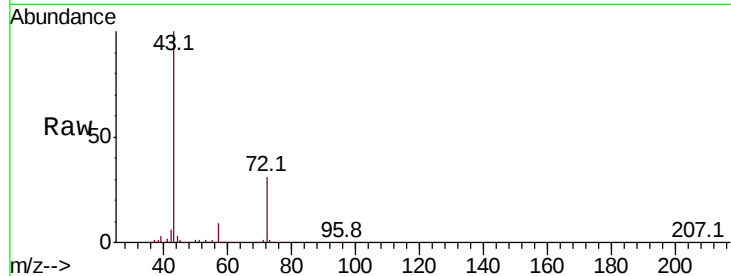
VSTDCCC050

Tot Ion: 43 Resp: 593967

Ion Ratio Lower Upper

43 100

72 31.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 55.290 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019541.D

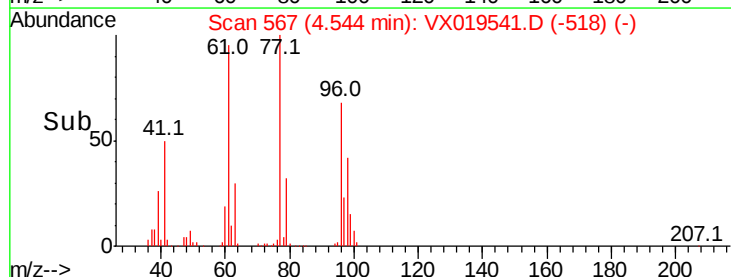
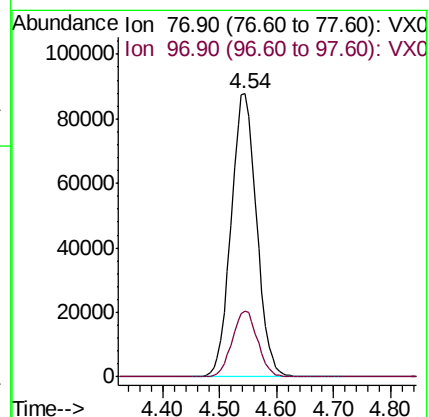
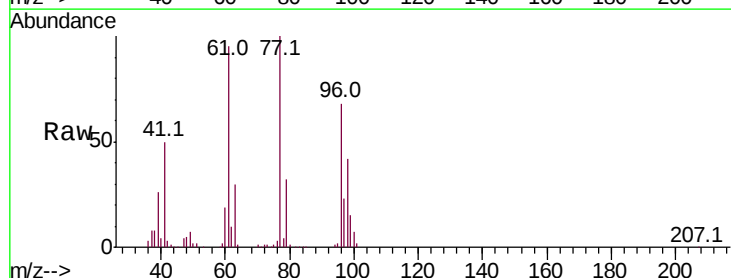
Acq: 23 Nov 2020 10:35

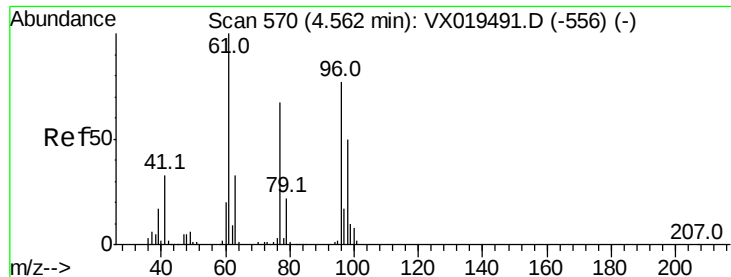
Tgt Ion: 77 Resp: 274743

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8



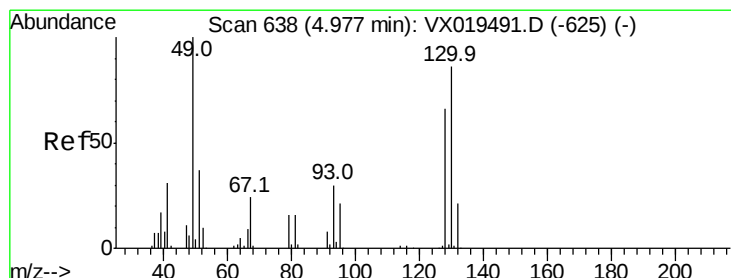
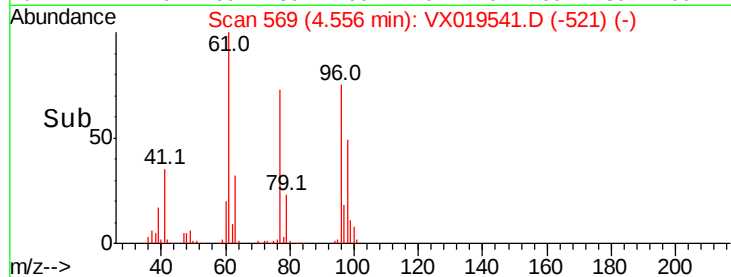
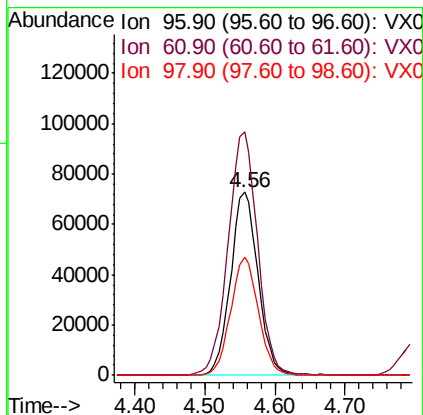
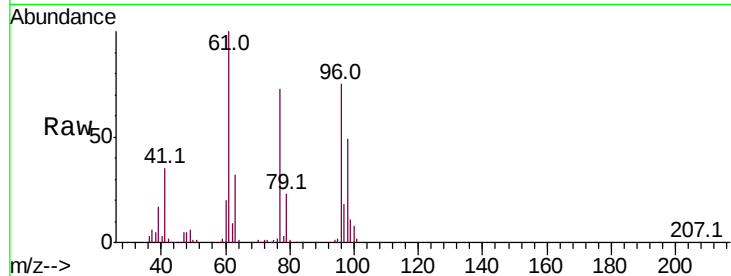


#27

cis-1,2-Dichloroethene
Concen: 53.232 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

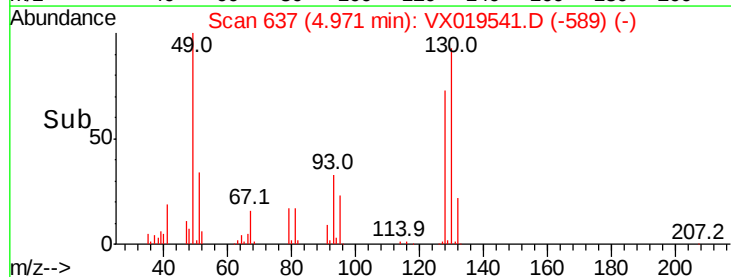
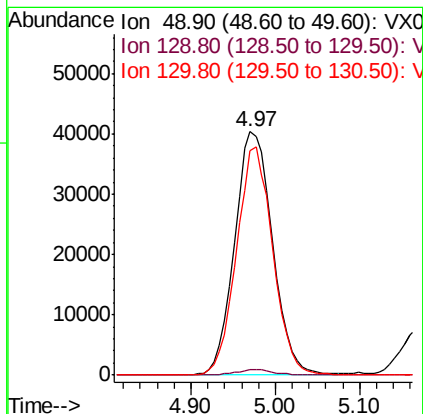
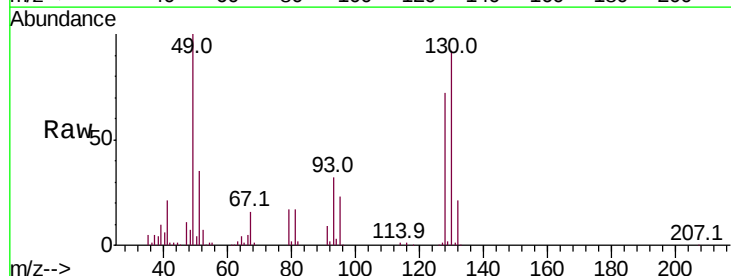
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	279.2
98	64.8	0.0	129.8

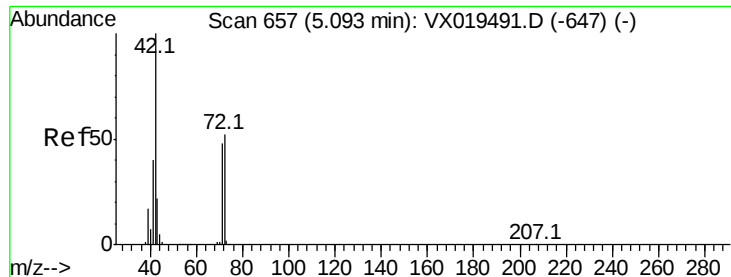


#28

Bromochloromethane
Concen: 45.303 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	89.5	69.0	103.6





#29

Tetrahydrofuran

Concen: 256.284 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

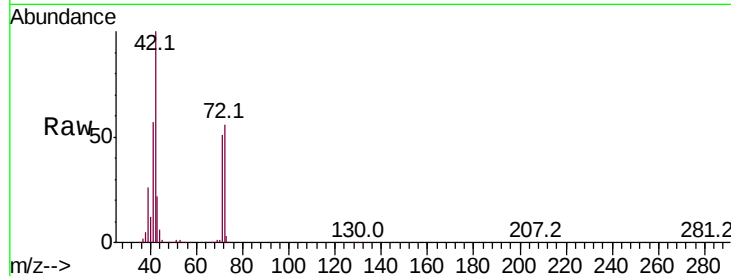
Tot Ion: 42 Resp: 356303

Ion Ratio Lower Upper

42 100

72 54.6 42.6 63.8

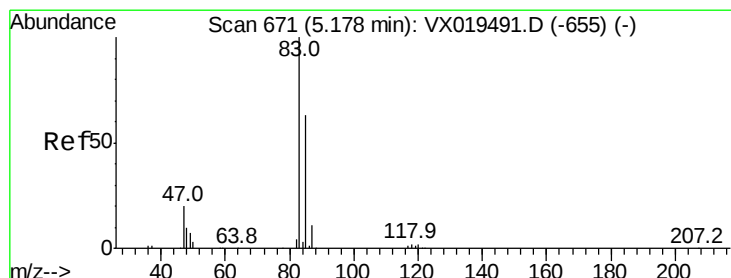
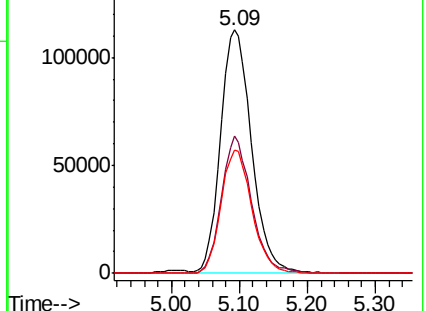
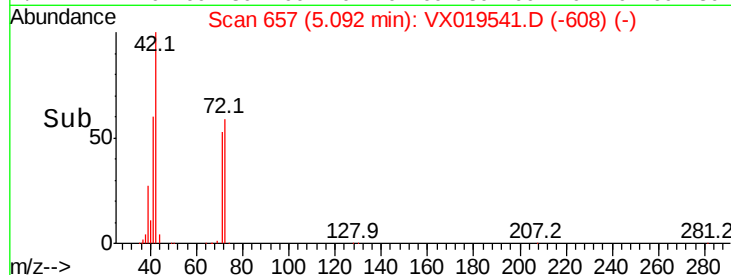
71 50.6 39.0 58.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.115 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019541.D

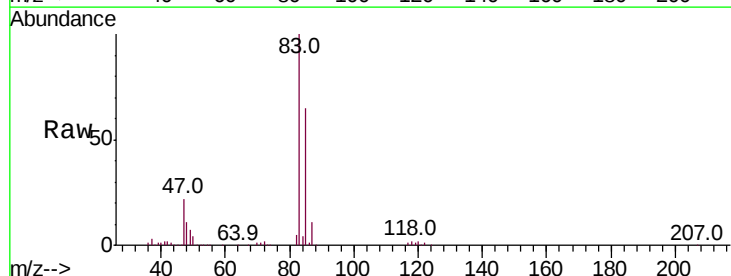
Acq: 23 Nov 2020 10:35

Tgt Ion: 83 Resp: 310230

Ion Ratio Lower Upper

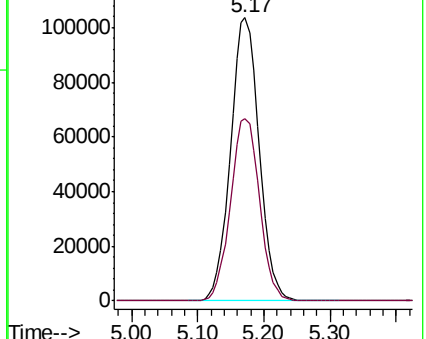
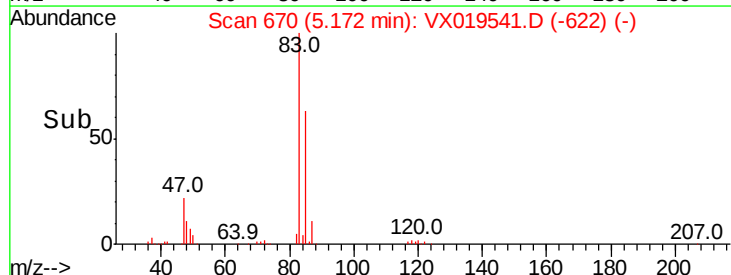
83 100

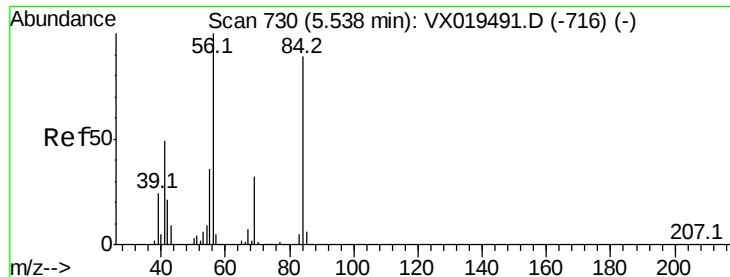
85 64.6 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

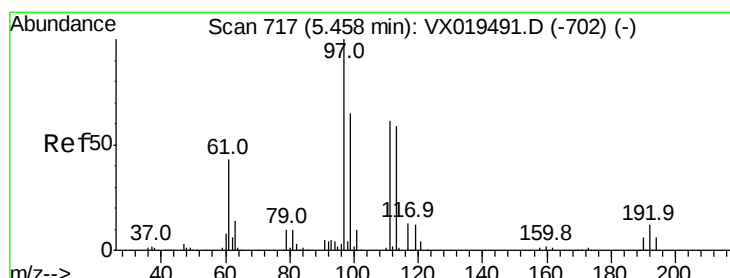
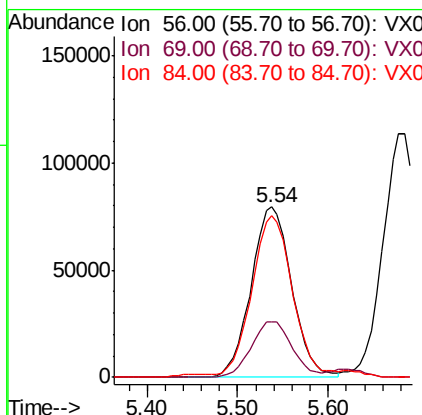
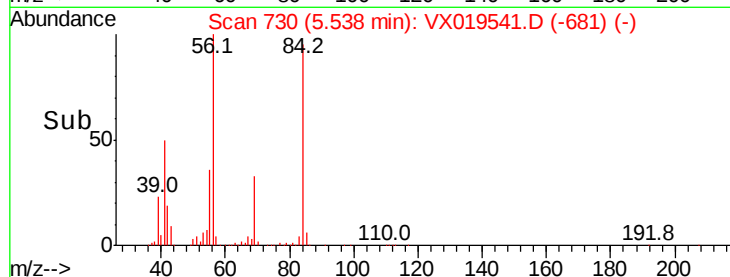
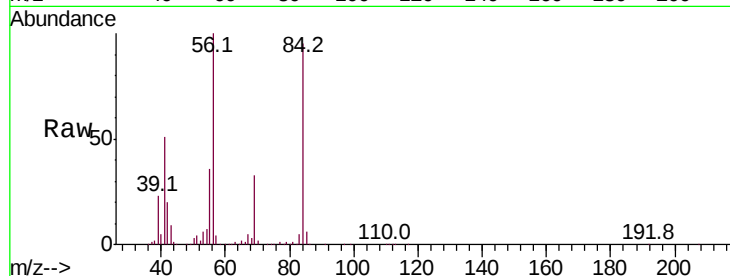




#31
Cyclohexane
Concen: 50.492 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

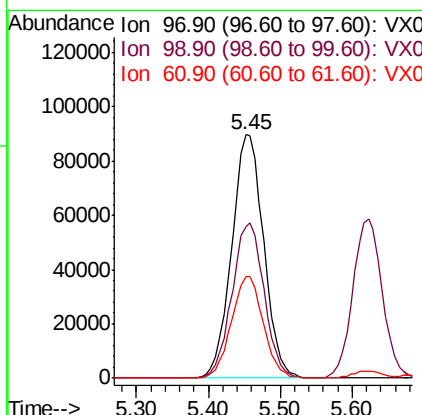
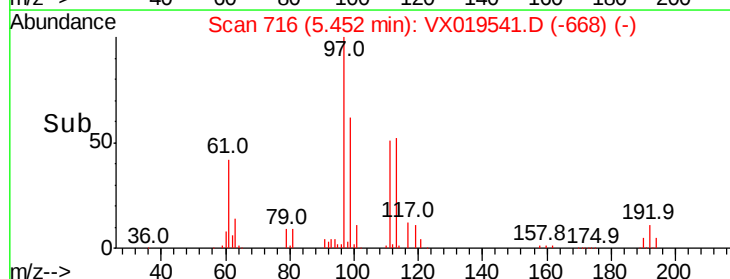
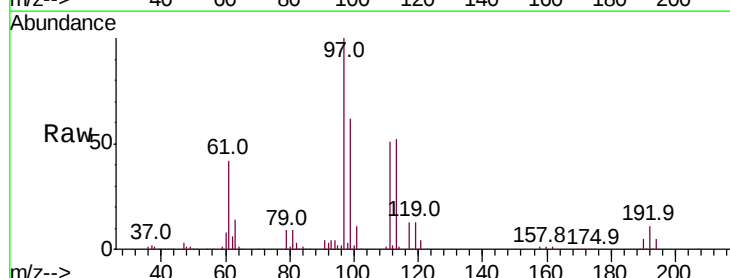
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

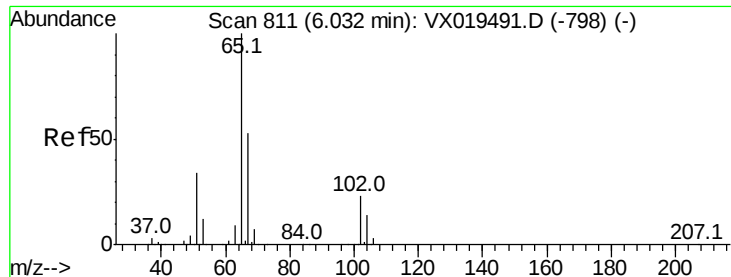
Tot Ion: 56 Resp: 246318
Ion Ratio Lower Upper
56 100
69 32.8 25.5 38.3
84 93.0 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 53.988 ug/l
RT: 5.45 min Scan# 716
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 97 Resp: 276066
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 41.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 46.409 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

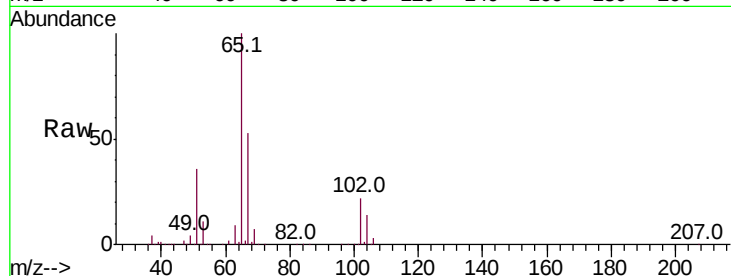
VSTDCCC050

Tot Ion: 65 Resp: 174073

Ion Ratio Lower Upper

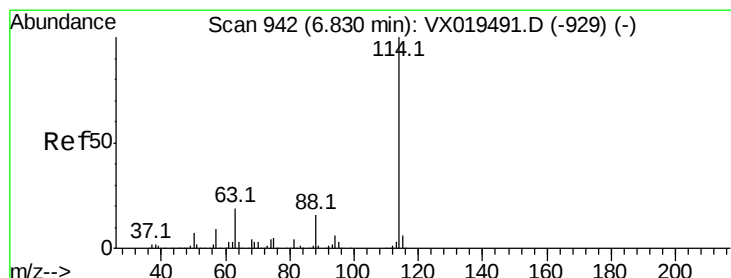
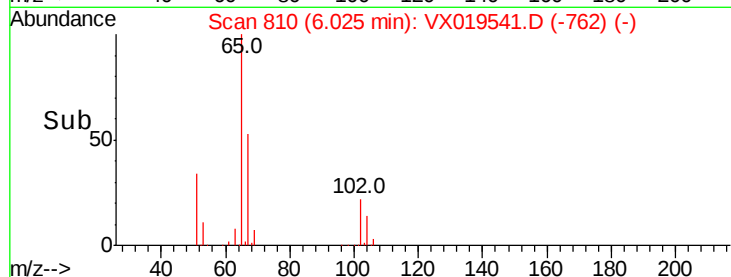
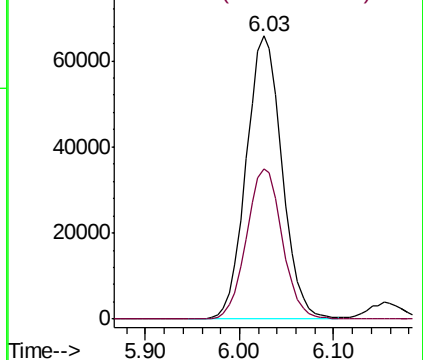
65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

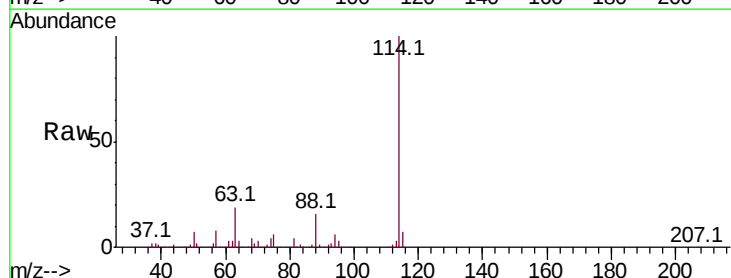
Tgt Ion: 114 Resp: 476445

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

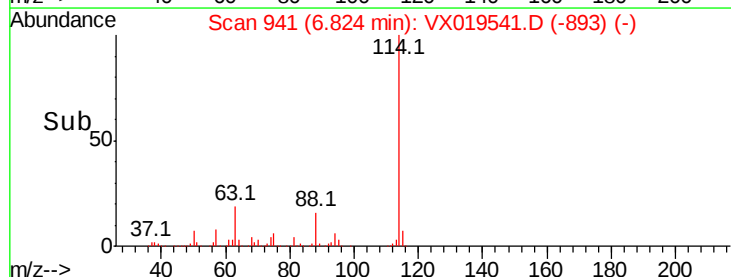
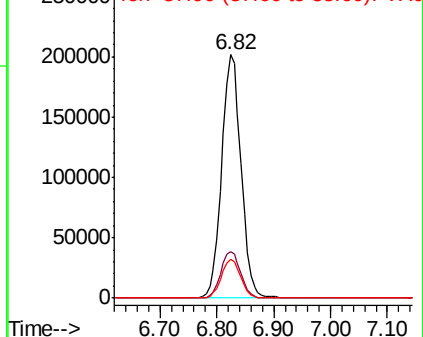
88 15.8 0.0 31.6

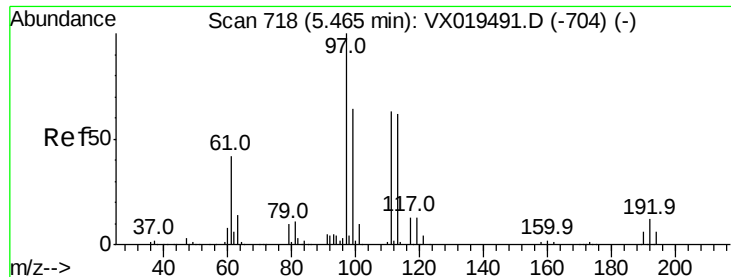


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

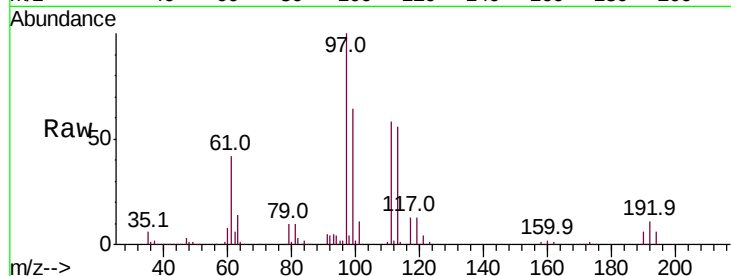




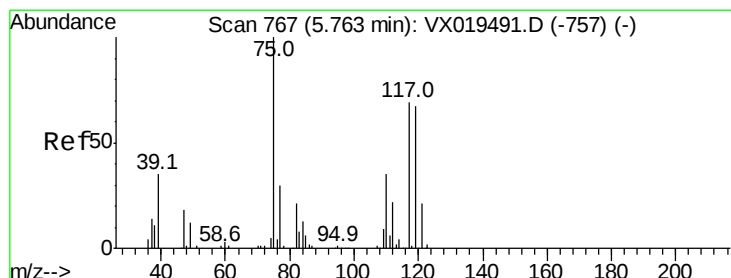
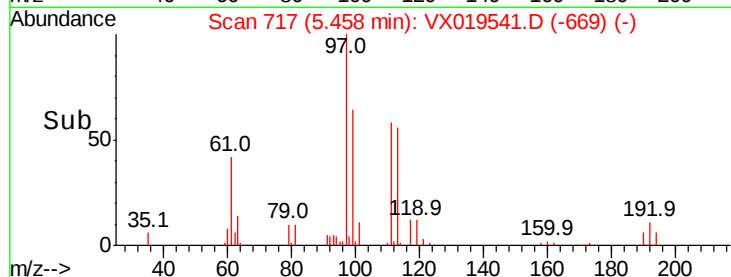
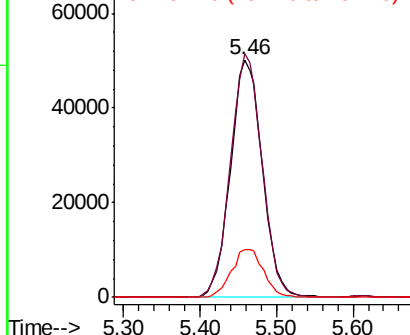
#35
 Dibromofluoromethane
 Concen: 48.332 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	20.3	16.2	24.2

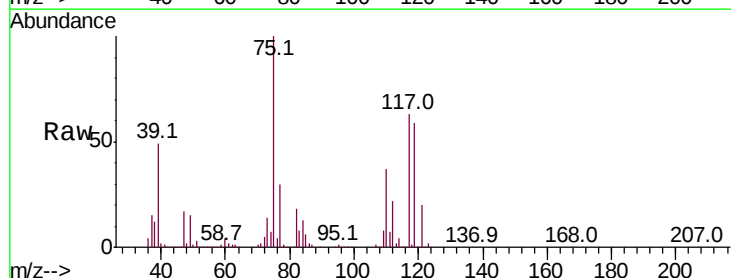


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

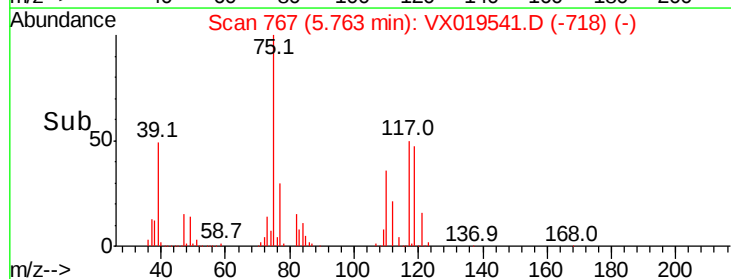
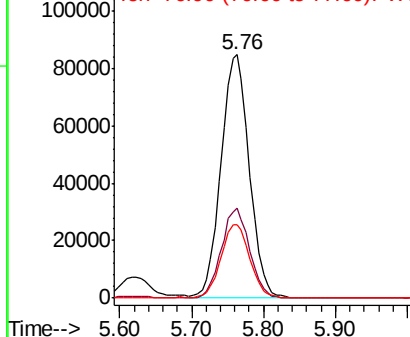


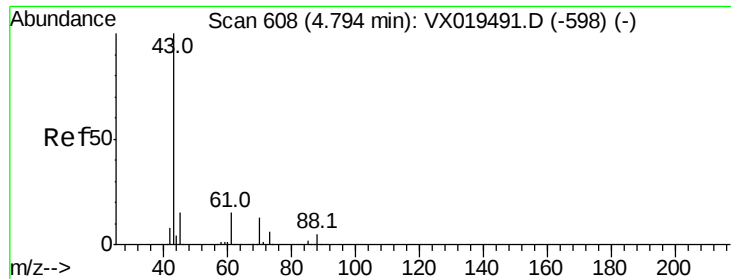
#36
 1,1-Dichloropropene
 Concen: 51.683 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.3
77	30.8	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

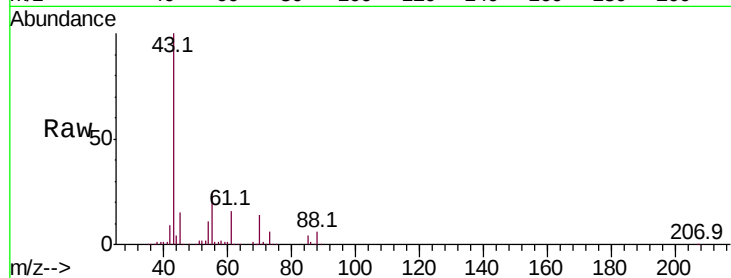




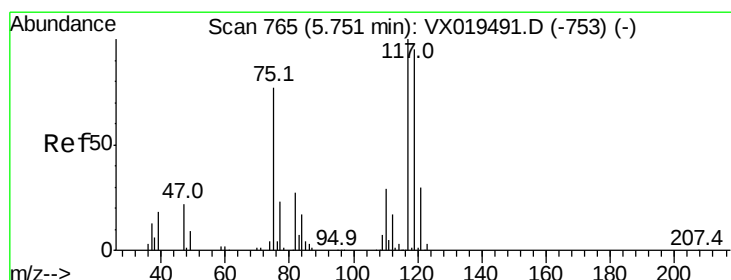
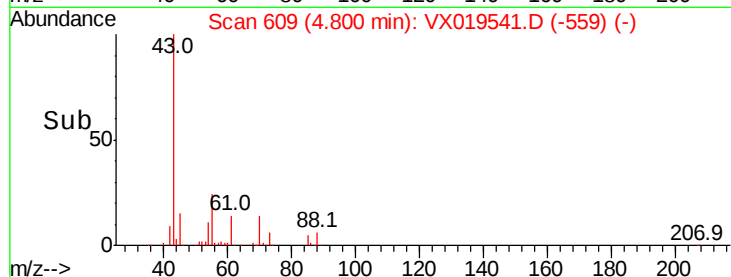
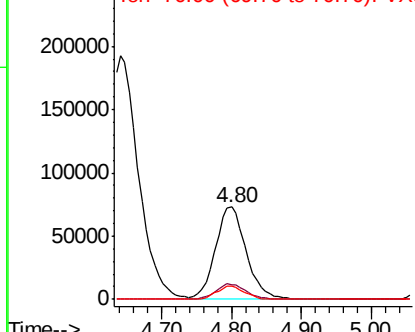
#37
Ethyl Acetate
Concen: 52.736 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 221138
Ion Ratio Lower Upper
43 100
61 16.3 12.7 19.1
70 13.5 10.2 15.2

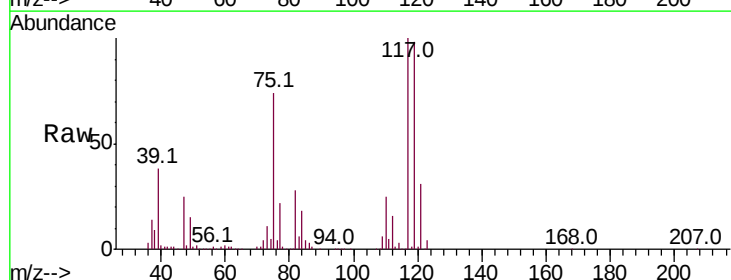


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

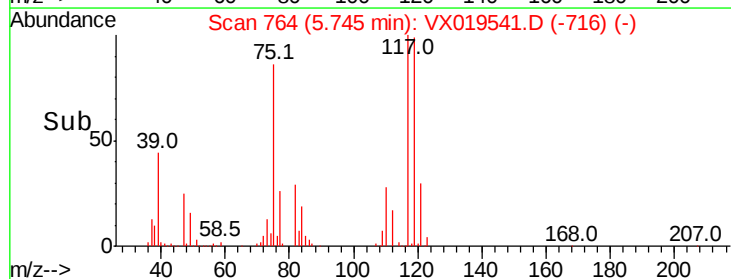
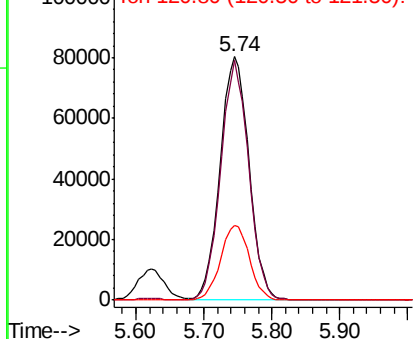


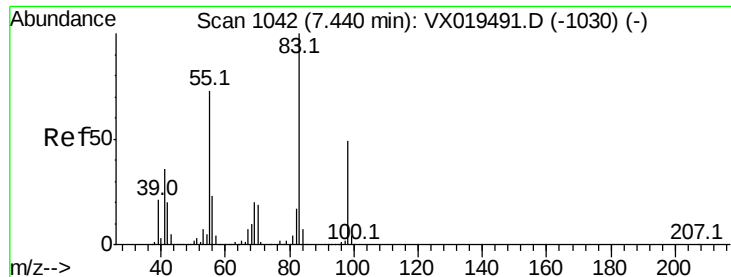
#38
Carbon Tetrachloride
Concen: 54.773 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 117 Resp: 236809
Ion Ratio Lower Upper
117 100
119 98.4 75.9 113.9
121 30.5 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

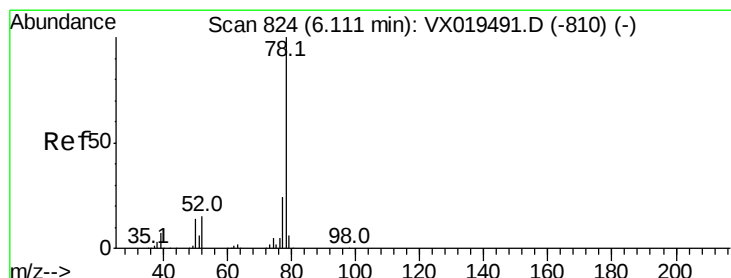
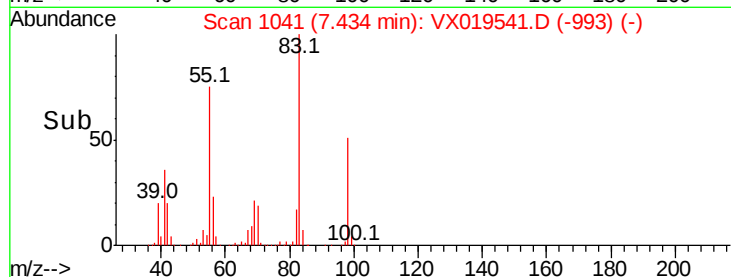
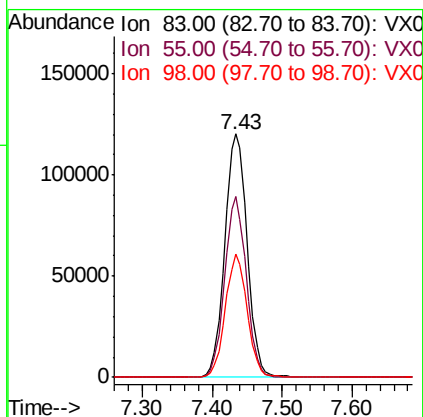
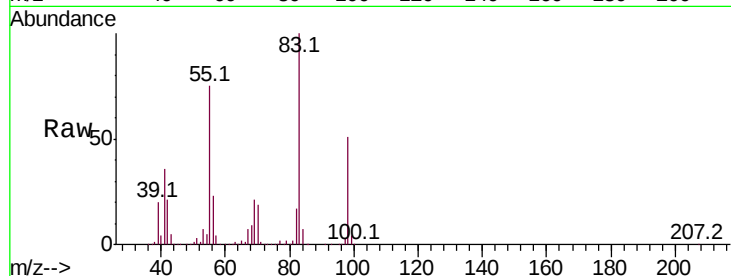




#39
Methvlcvclohexane
Concen: 51.257 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

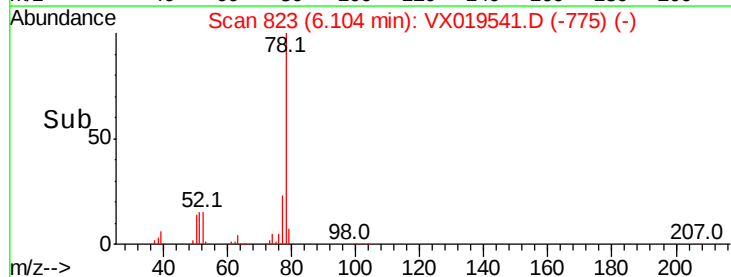
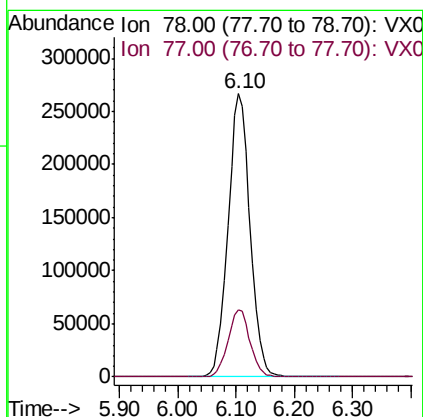
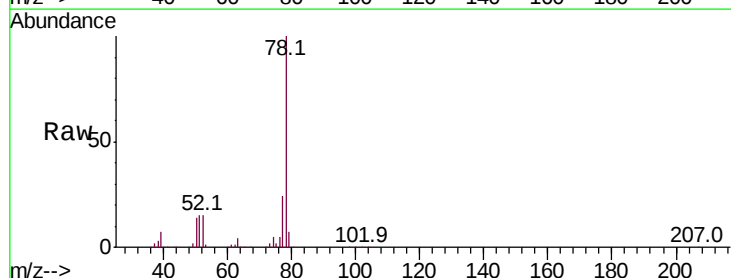
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

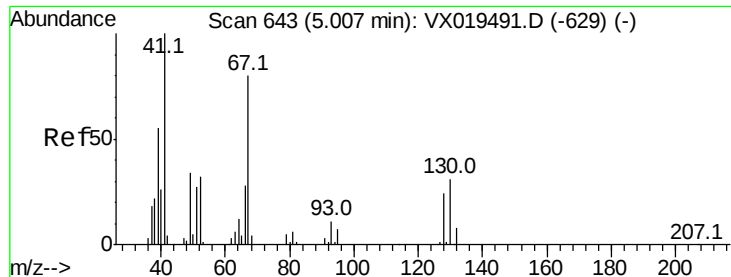
Tot Ion: 83 Resp: 266576
Ion Ratio Lower Upper
83 100
55 74.5 58.3 87.5
98 50.8 38.9 58.3



#40
Benzene
Concen: 50.890 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 78 Resp: 698407
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

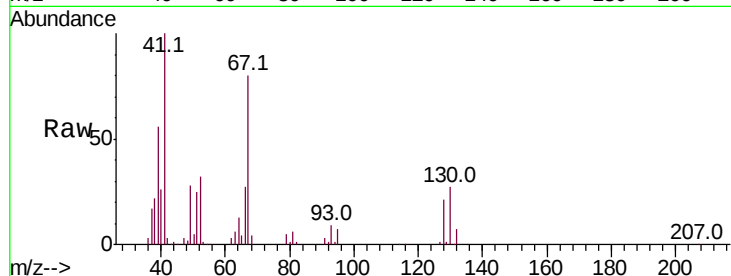




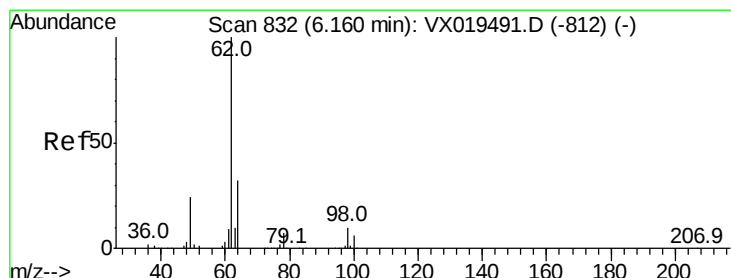
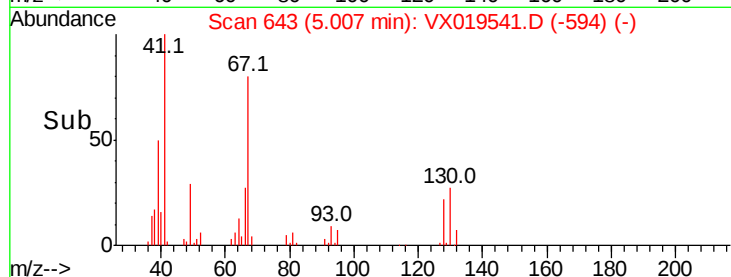
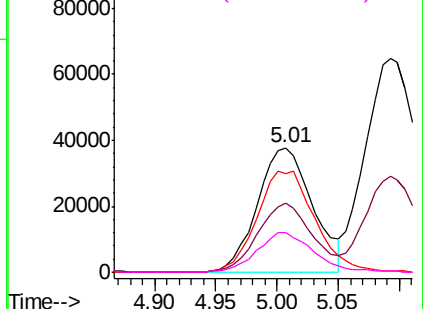
#41
Methacrylonitrile
Concen: 51.190 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	118370
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.3	64.9
67	85.9	66.0	99.0
52	32.1	25.4	38.2

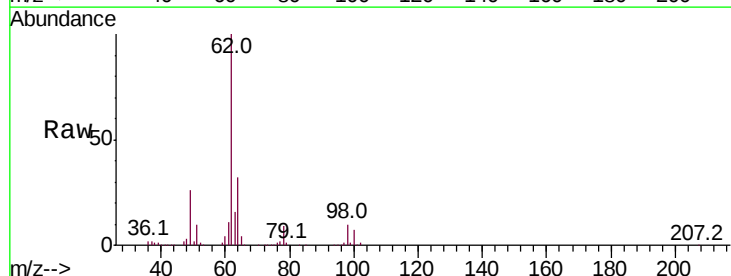


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

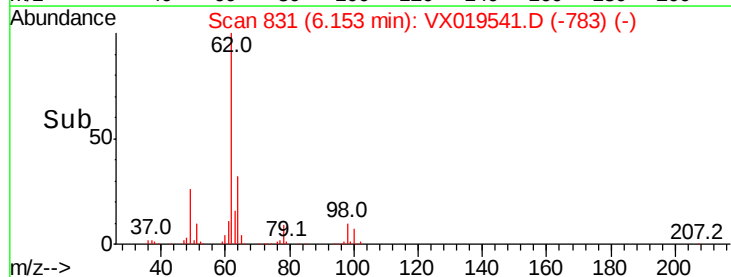
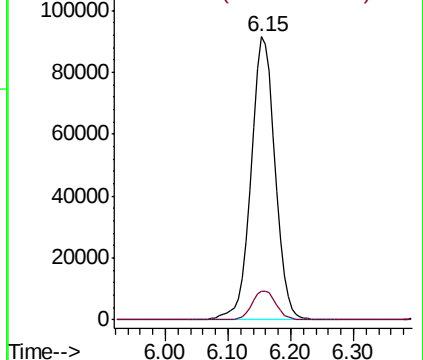


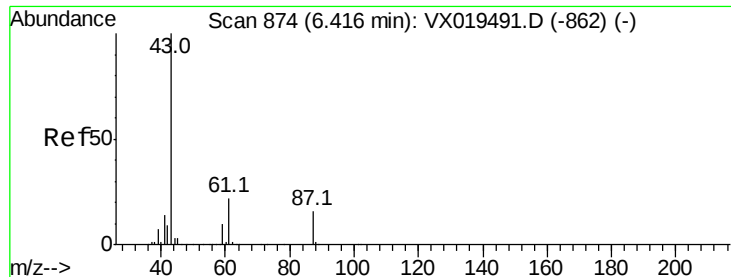
#42
1,2-Dichloroethane
Concen: 51.561 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion:	62	Resp:	242541
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.636 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

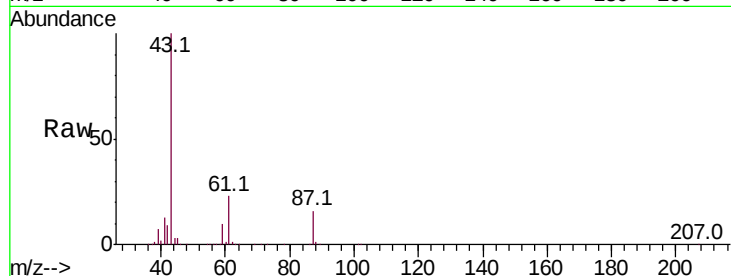
Tot Ion: 43 Resp: 371031

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.2

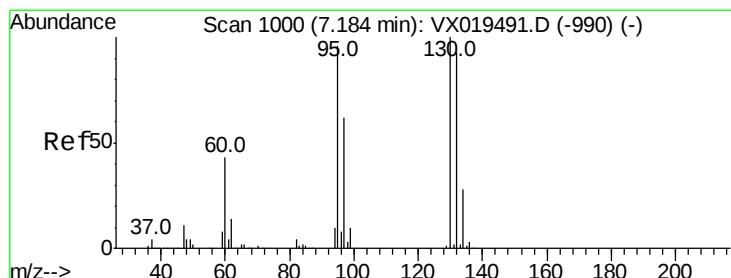
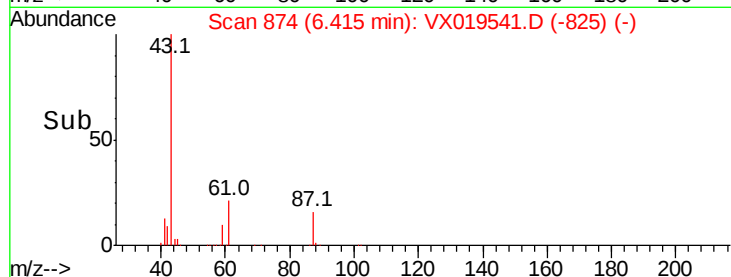
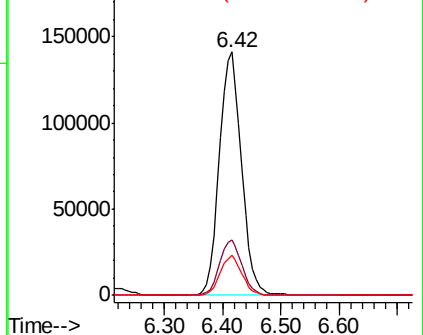
87 16.0 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.483 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019541.D

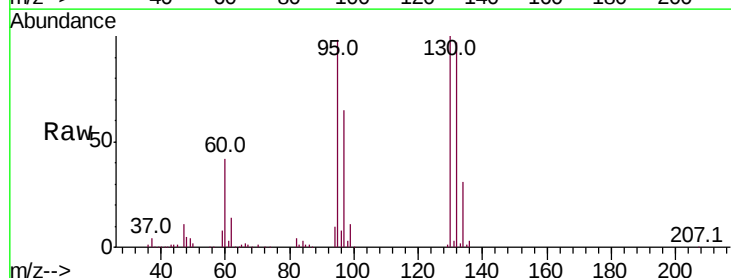
Acq: 23 Nov 2020 10:35

Tgt Ion:130 Resp: 188666

Ion Ratio Lower Upper

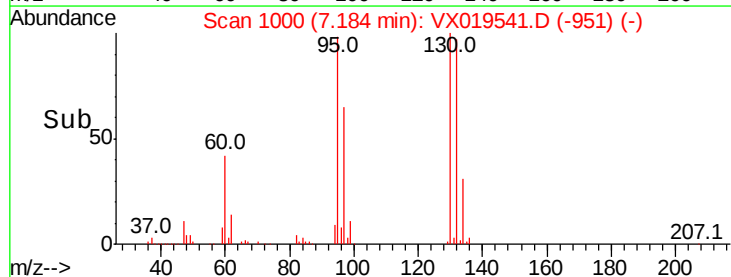
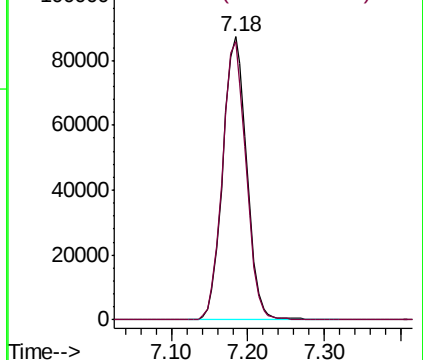
130 100

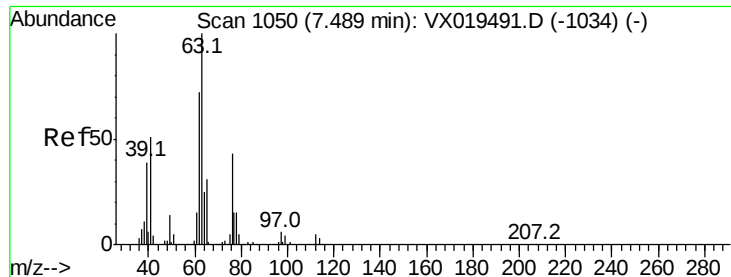
95 98.2 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.000 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

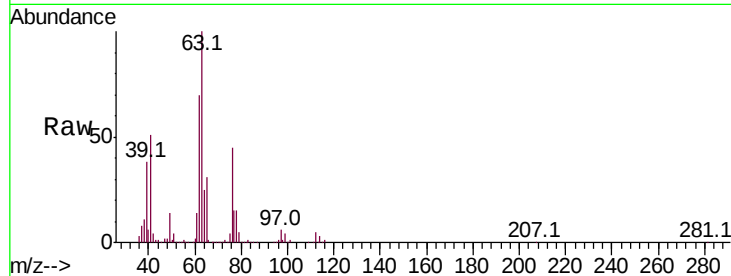
VSTDCCC050

Tot Ion: 63 Resp: 172308

Ion Ratio Lower Upper

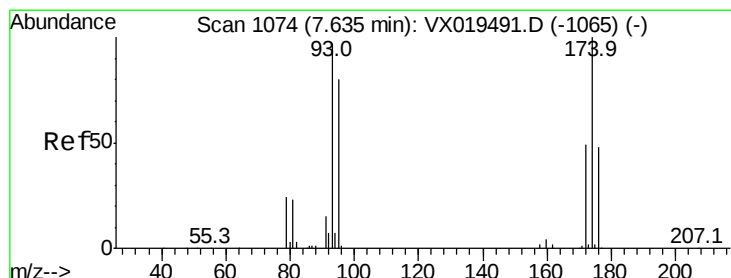
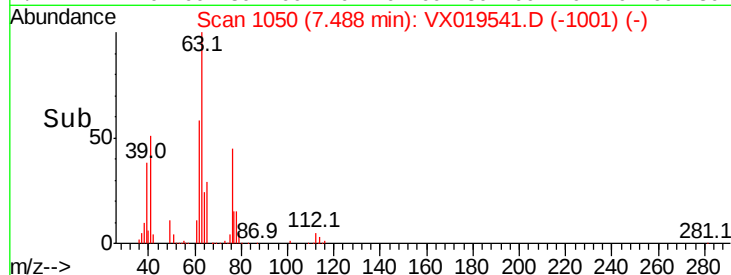
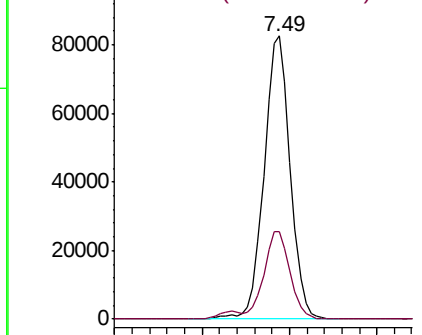
63 100

65 30.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.636 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

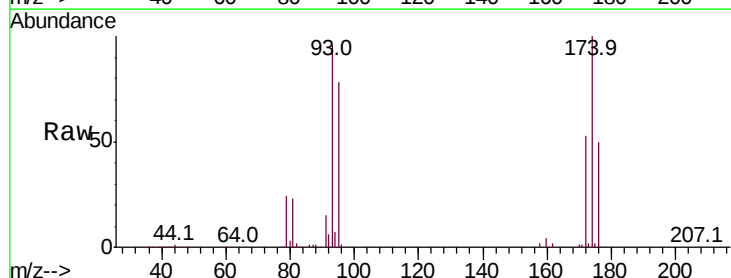
Tgt Ion: 93 Resp: 121714

Ion Ratio Lower Upper

93 100

95 82.3 66.8 100.2

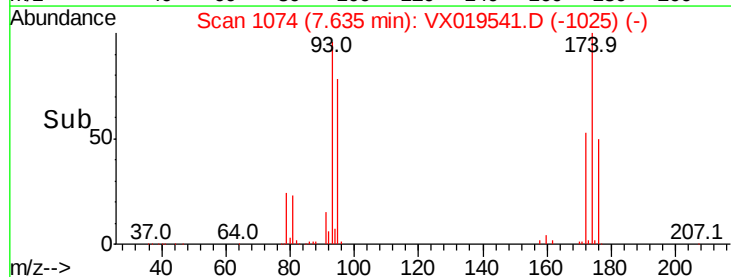
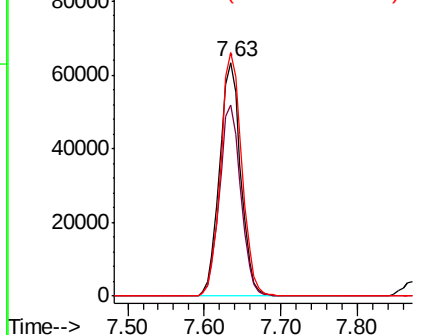
174 103.9 83.0 124.4

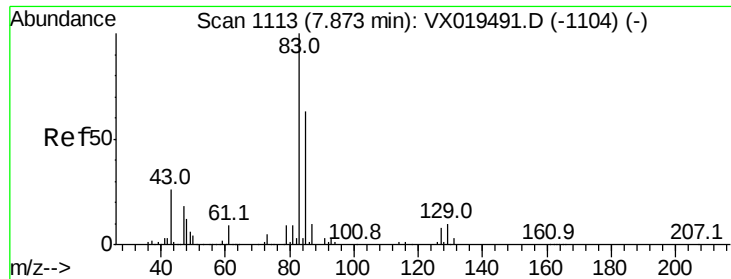


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.614 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

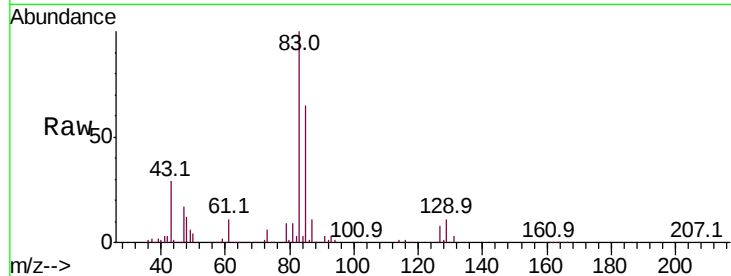
Tot Ion: 83 Resp: 240568

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.2

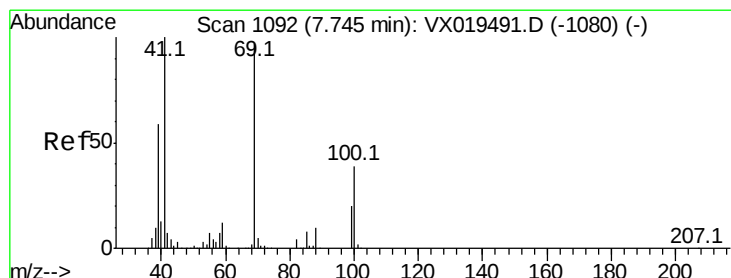
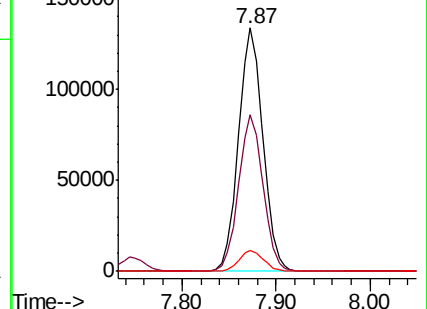
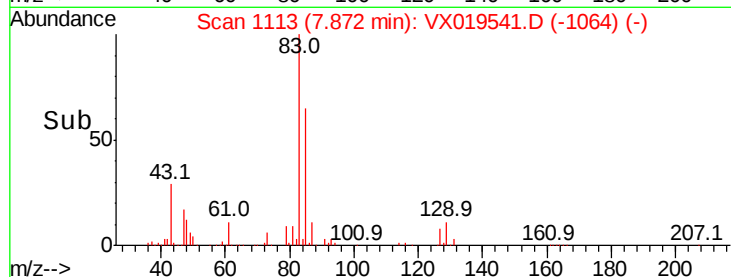
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.813 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

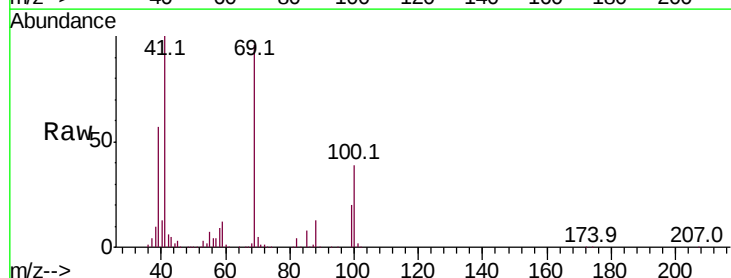
Tgt Ion: 41 Resp: 180949

Ion Ratio Lower Upper

41 100

69 95.8 77.0 115.6

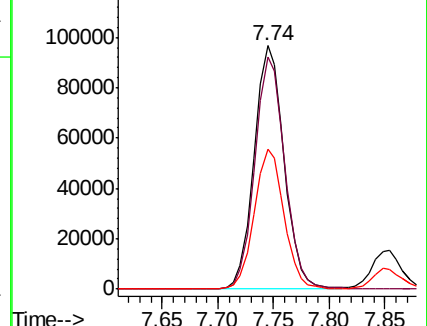
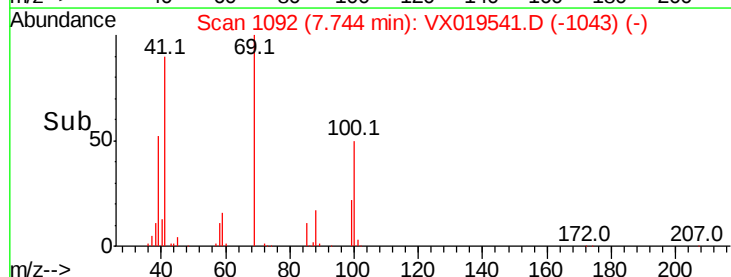
39 57.2 45.6 68.4

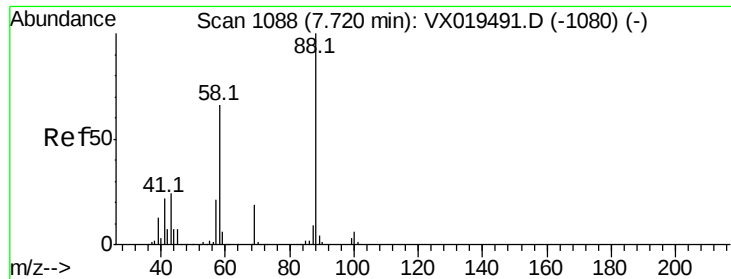


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



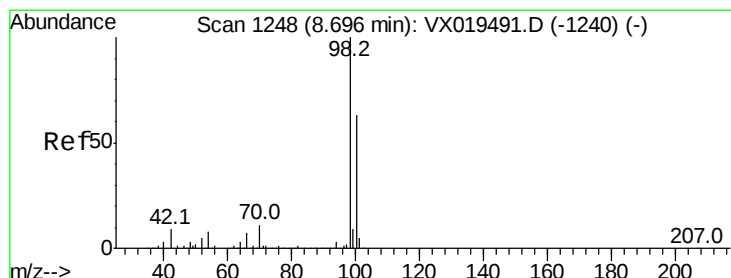
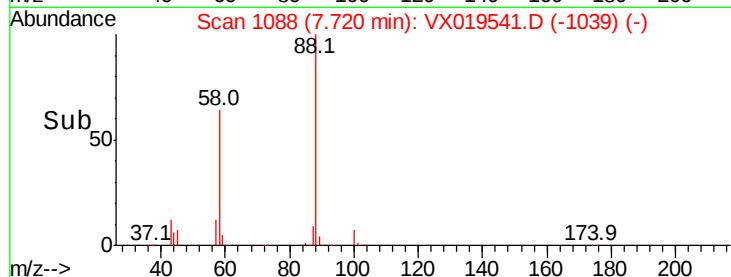
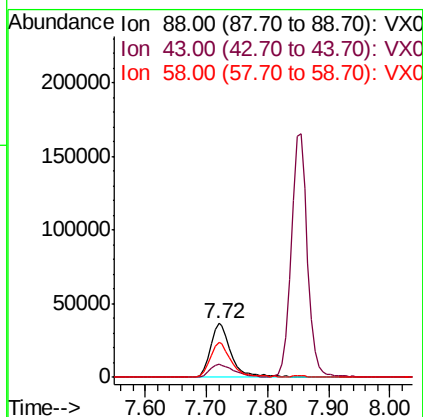
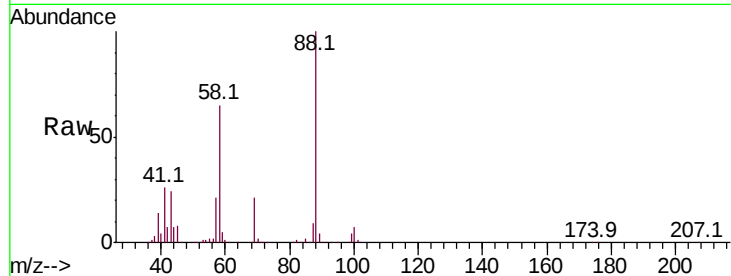


#49
 1,4-Dioxane
 Concen: 1172.320 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 87871

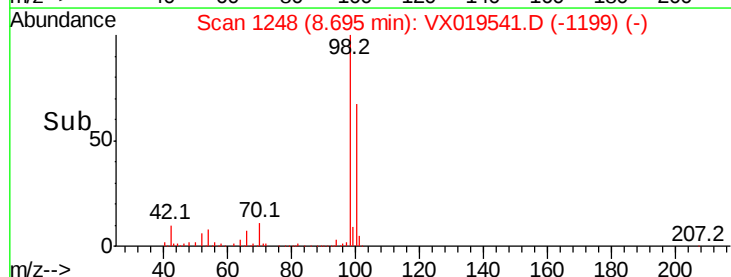
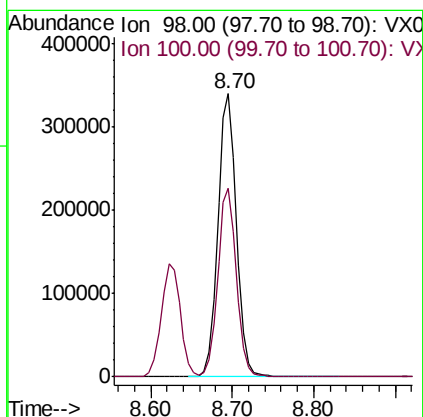
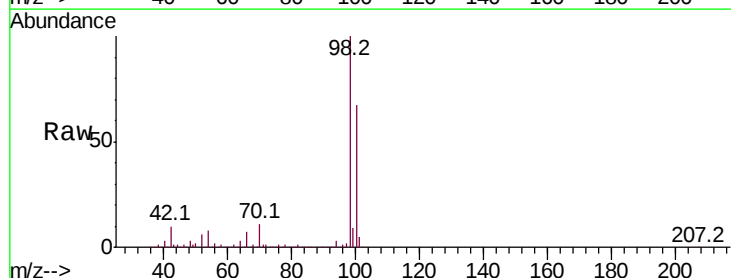
Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.8	35.6
58	65.3	54.2	81.2

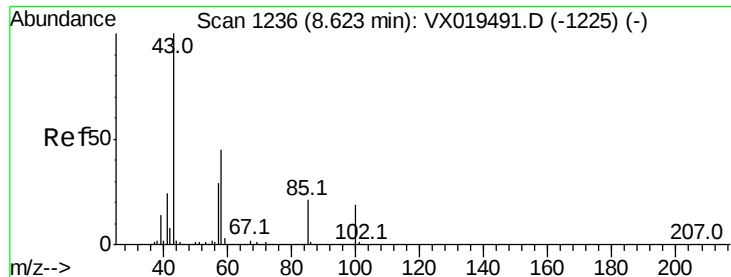


#50
 Toluene-d8
 Concen: 46.312 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion: 98 Resp: 538206

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 270.348 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

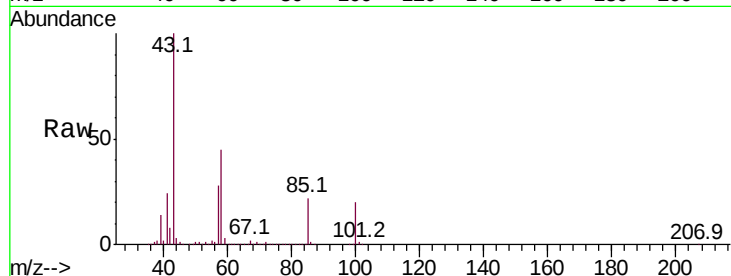
VSTDCCC050

Tot Ion: 43 Resp: 1111252

Ion Ratio Lower Upper

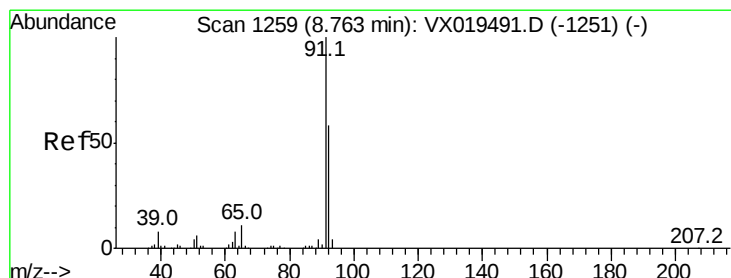
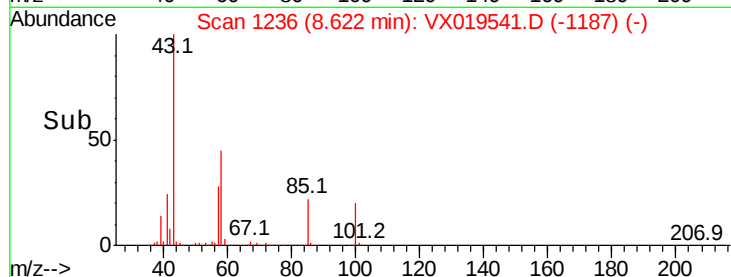
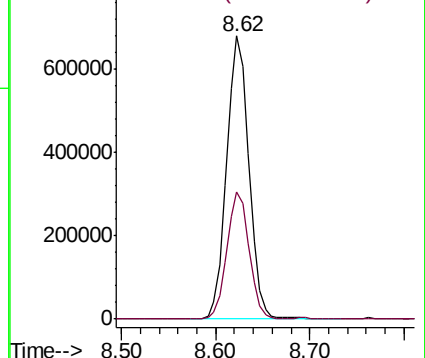
43 100

58 44.7 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.021 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019541.D

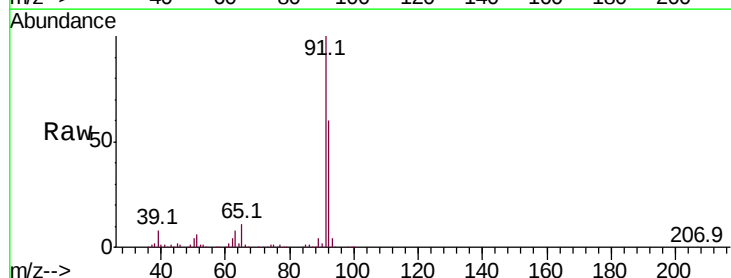
Acq: 23 Nov 2020 10:35

Tgt Ion: 92 Resp: 436746

Ion Ratio Lower Upper

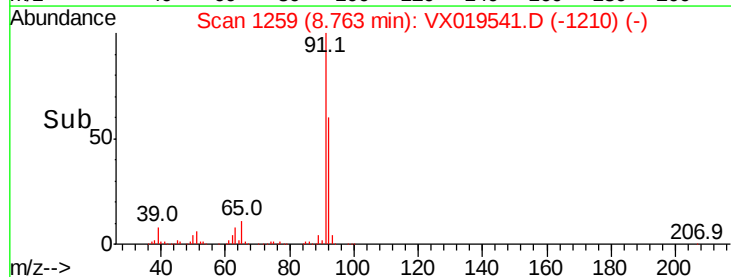
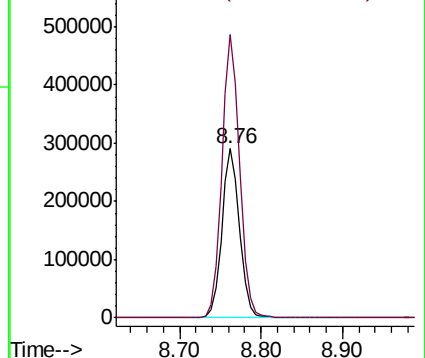
92 100

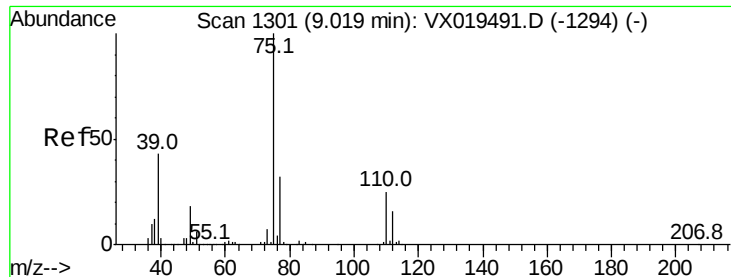
91 169.3 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 56.416 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

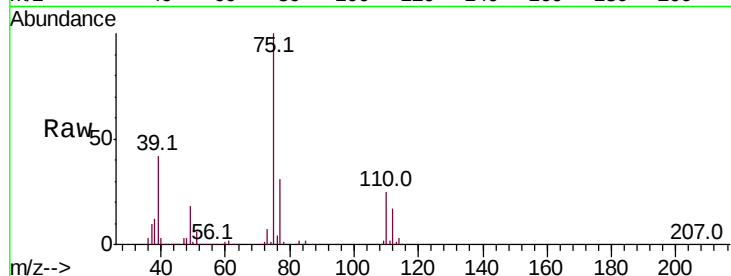
VSTDCCC050

Tot Ion: 75 Resp: 273390

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

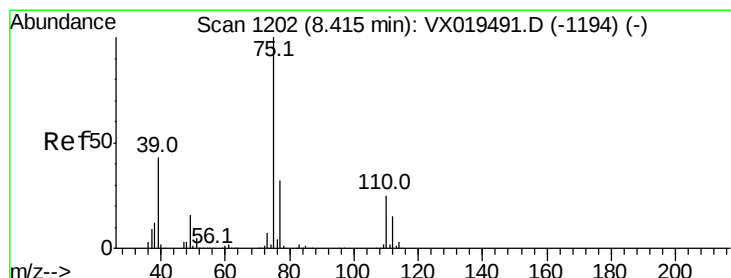
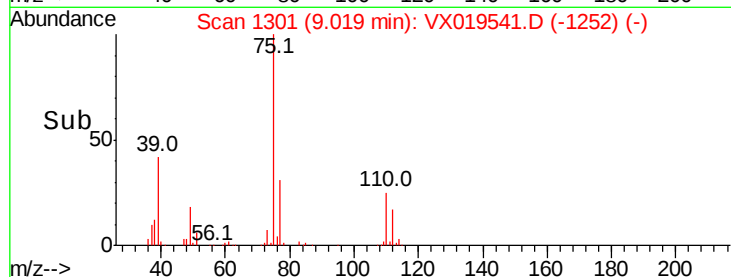
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.307 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

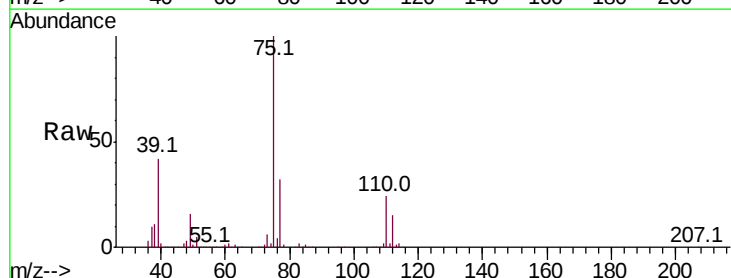
Tgt Ion: 75 Resp: 297433

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 42.2 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

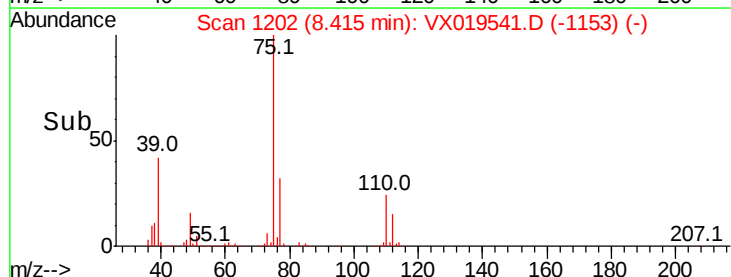
150000

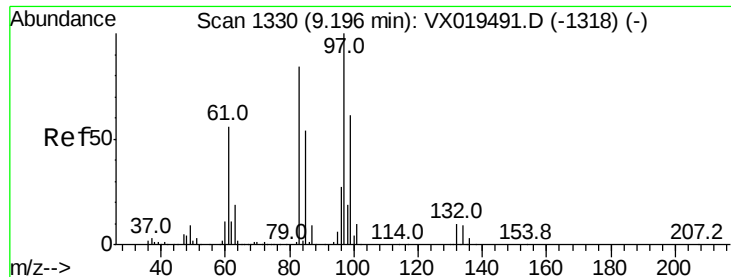
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.990 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

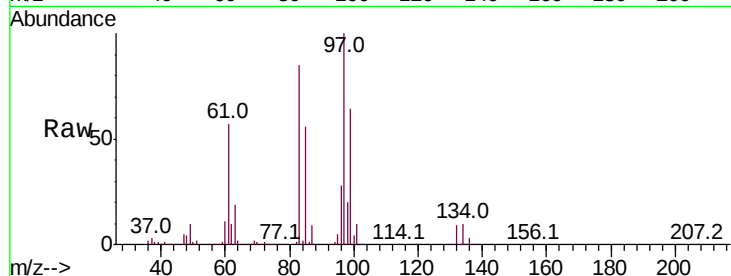
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 177764

Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.0	100.6
85	55.5	43.4	65.0
99	63.5	49.0	73.4

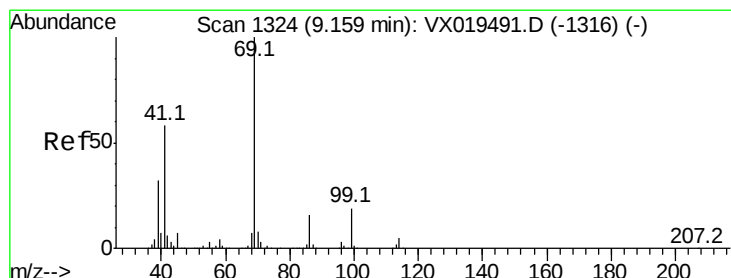
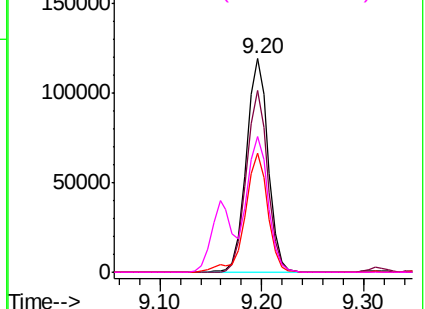
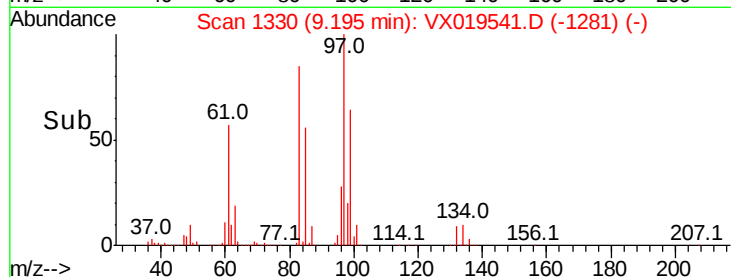


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.827 ug/l

RT: 9.16 min Scan# 1324

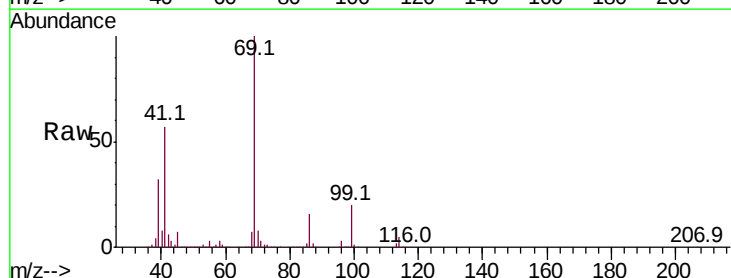
Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Tgt Ion: 69 Resp: 279778

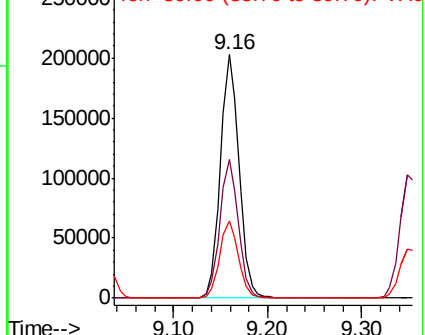
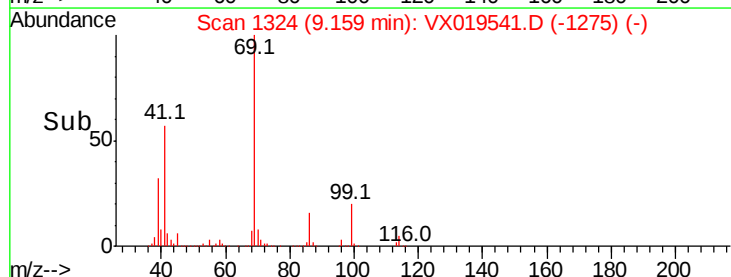
Ion	Ratio	Lower	Upper
69	100		
41	56.5	46.2	69.2
39	31.9	25.5	38.3

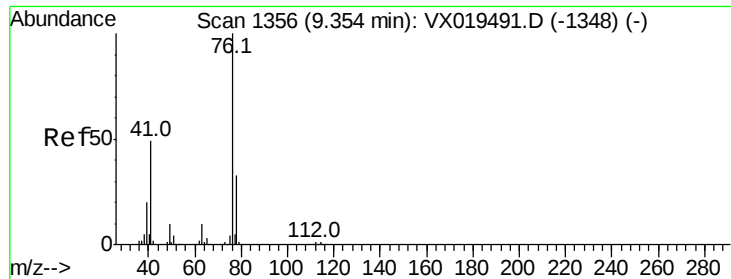


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.931 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

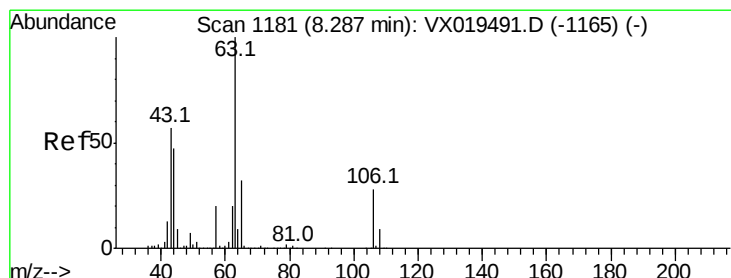
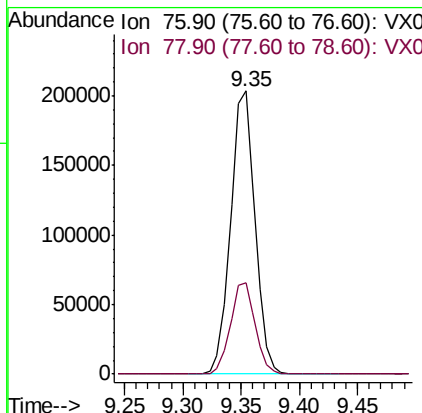
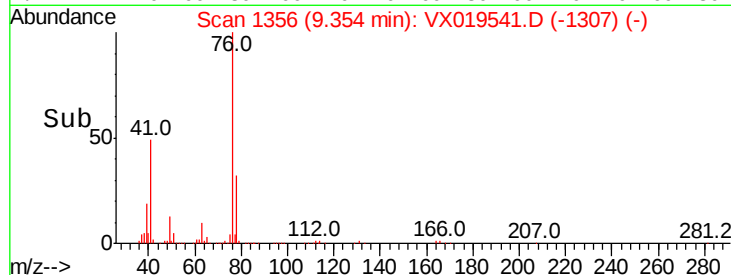
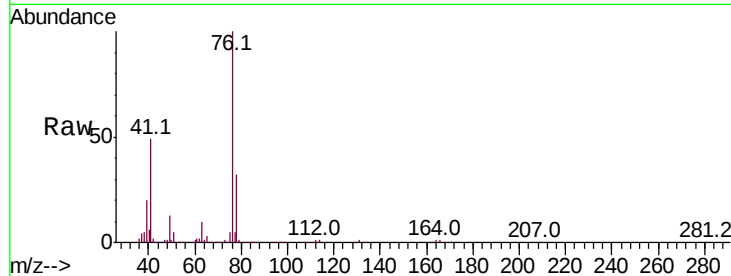
VSTDCCC050

Tot Ion: 76 Resp: 297281

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 262.903 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019541.D

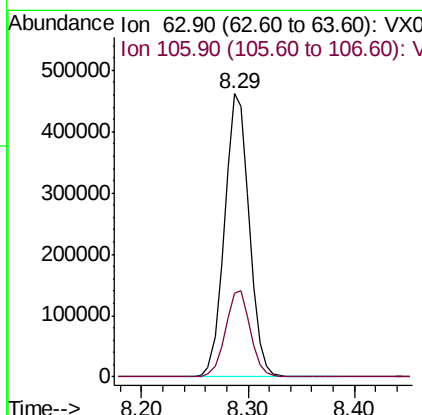
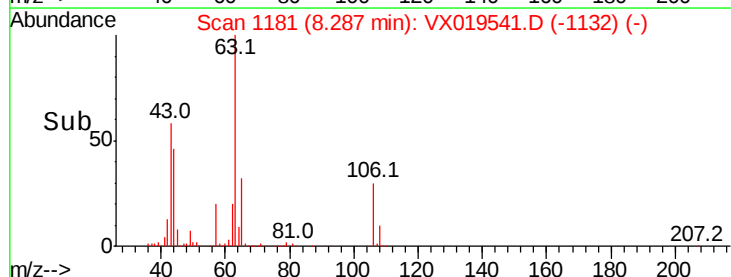
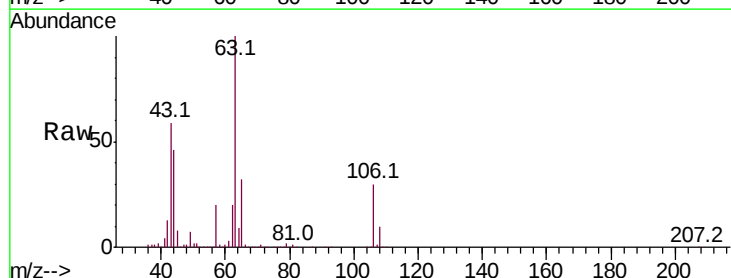
Acq: 23 Nov 2020 10:35

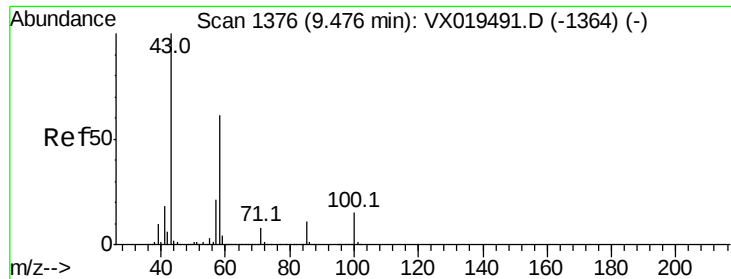
Tgt Ion: 63 Resp: 745323

Ion Ratio Lower Upper

63 100

106 30.9 23.7 35.5

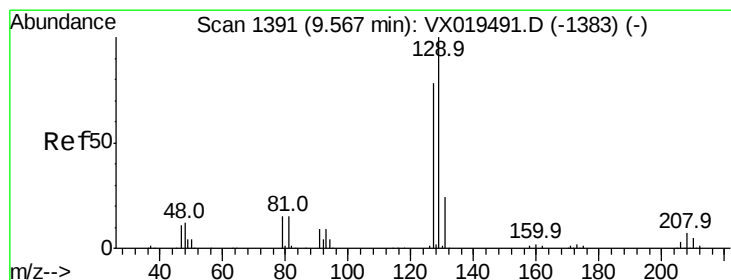
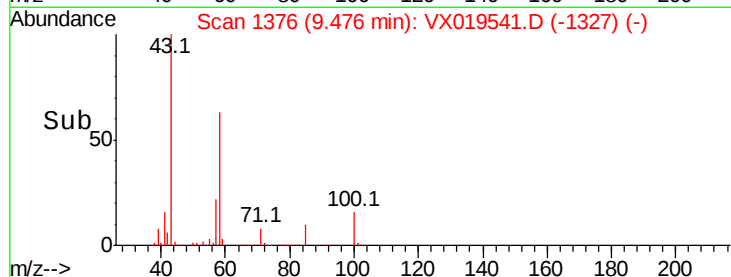
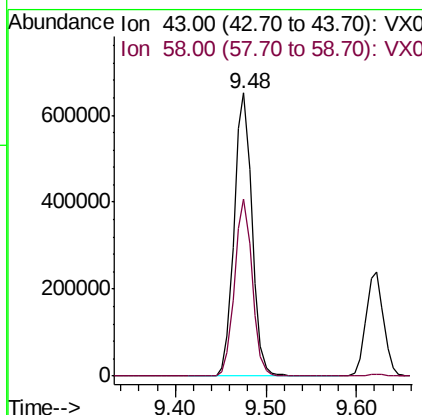
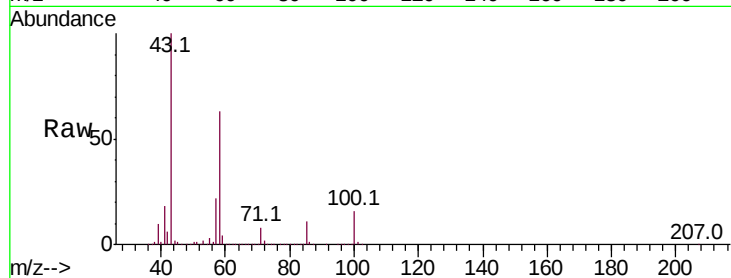




#59
2-Hexanone
Concen: 284.362 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

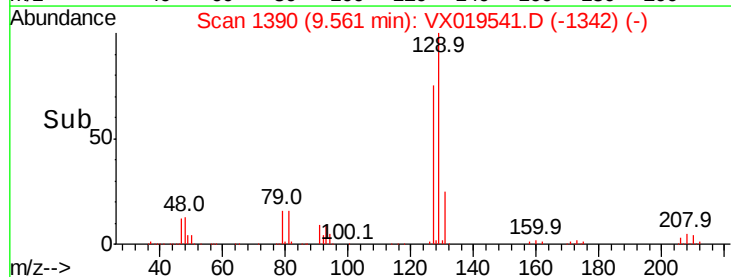
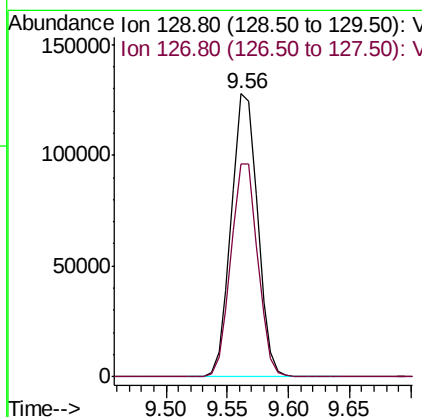
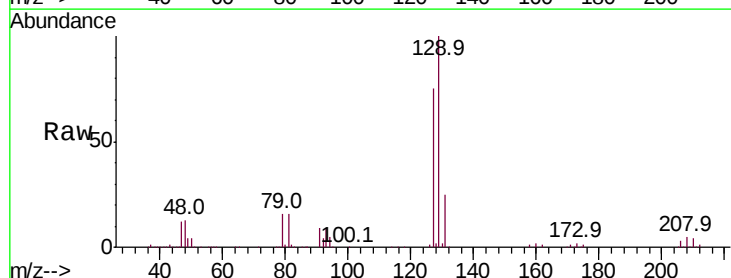
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

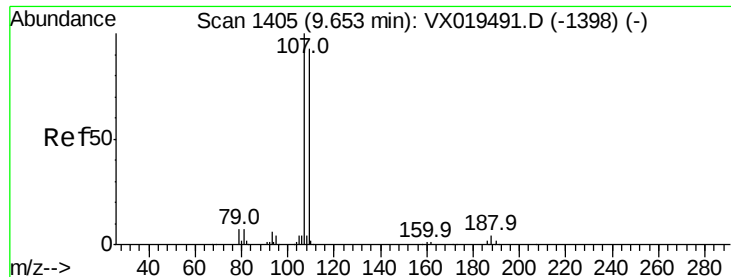
Tot Ion: 43 Resp: 886484
Ion Ratio Lower Upper
43 100
58 62.2 30.6 91.6



#60
Dibromochloromethane
Concen: 56.915 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 129 Resp: 190614
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 53.338 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

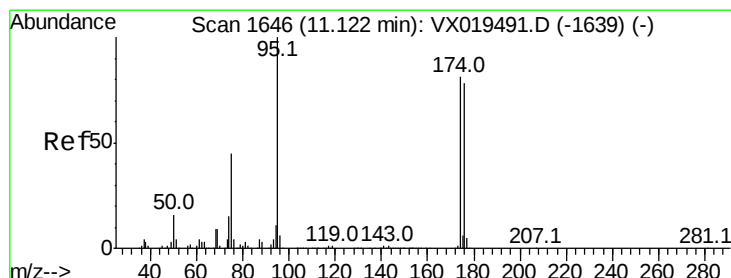
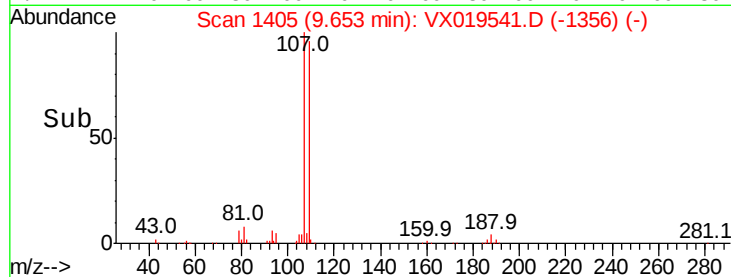
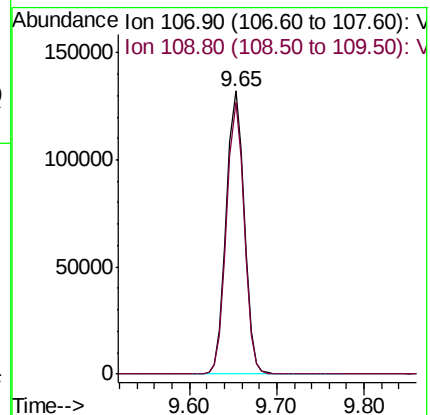
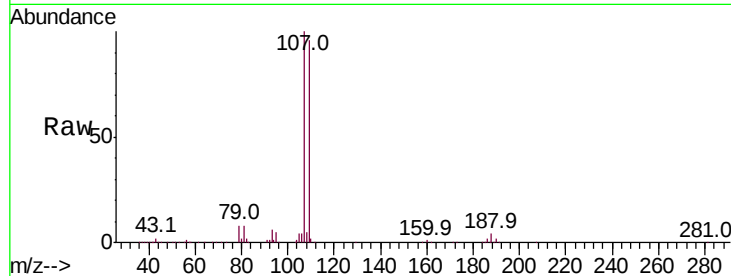
VSTDCCC050

Tot Ion:107 Resp: 187989

Ion Ratio Lower Upper

107 100

109 94.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.613 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

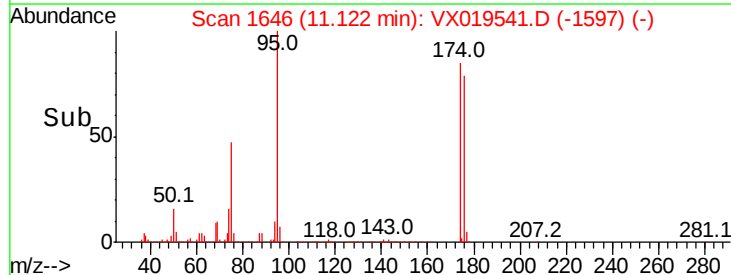
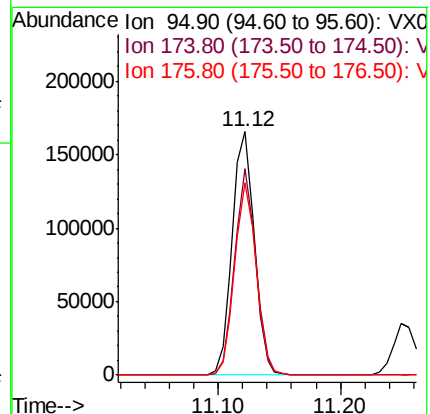
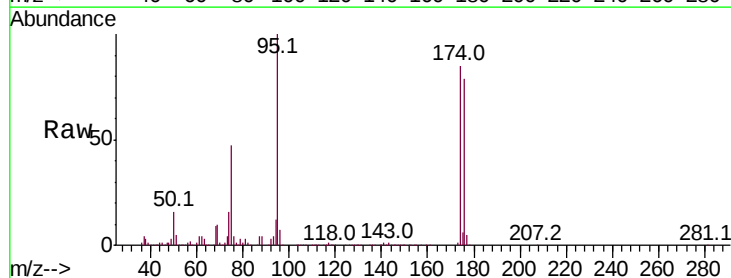
Tgt Ion: 95 Resp: 207442

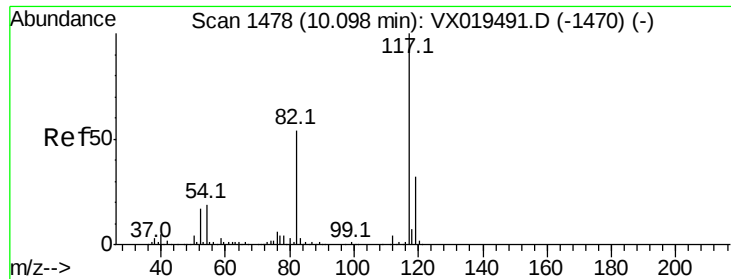
Ion Ratio Lower Upper

95 100

174 80.8 0.0 156.2

176 76.6 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

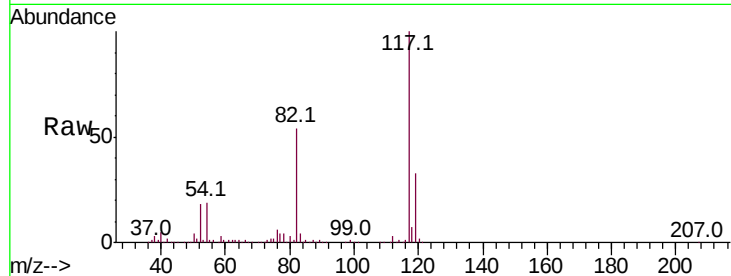
Tot Ion:117 Resp: 419927

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

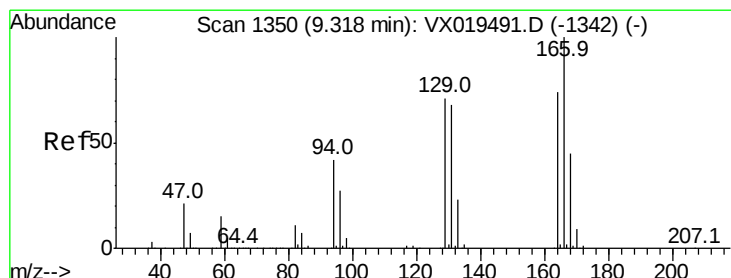
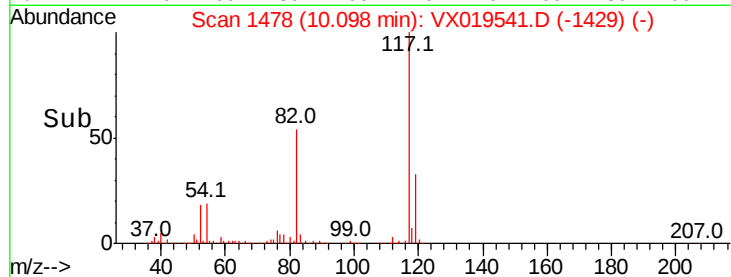
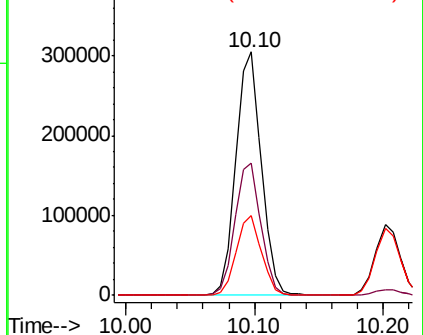
119 33.0 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.325 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Tgt Ion:164 Resp: 156212

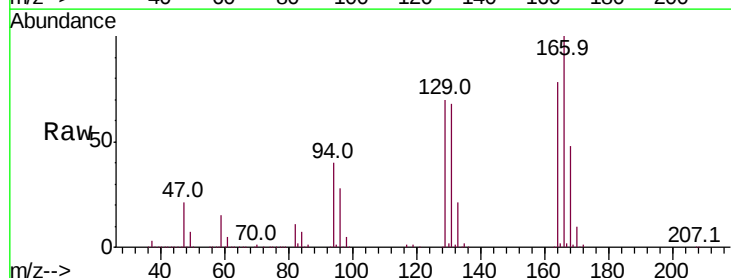
Ion Ratio Lower Upper

164 100

166 128.5 107.4 161.0

129 90.5 76.6 114.8

131 88.0 72.6 108.8

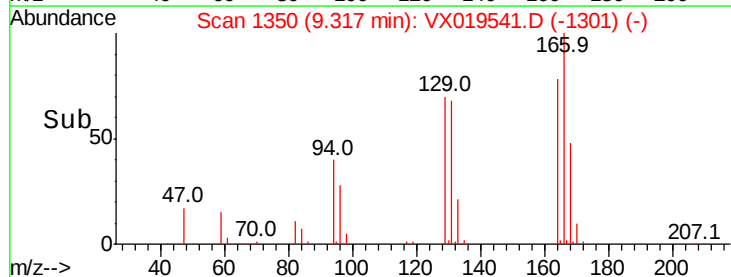
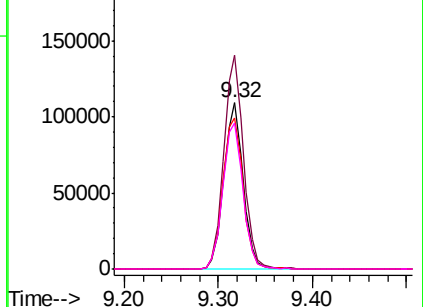


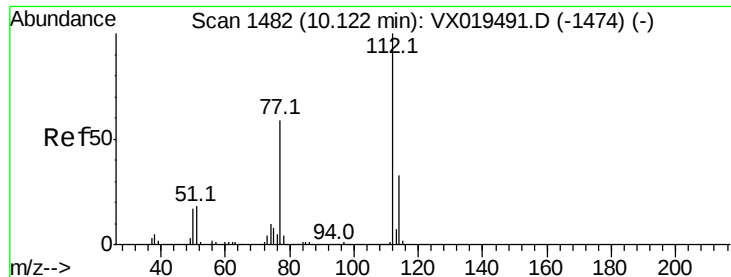
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

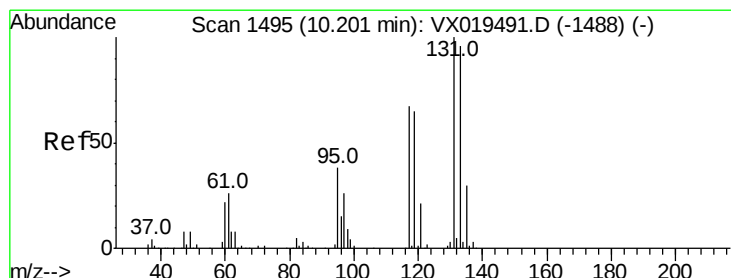
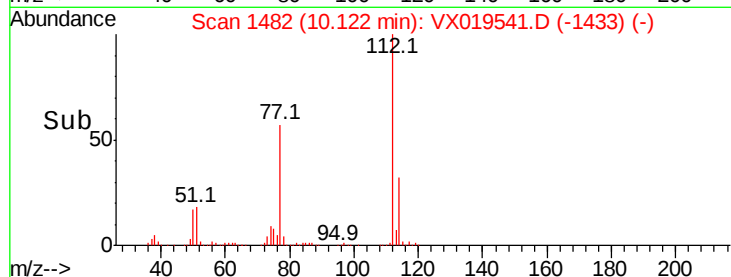
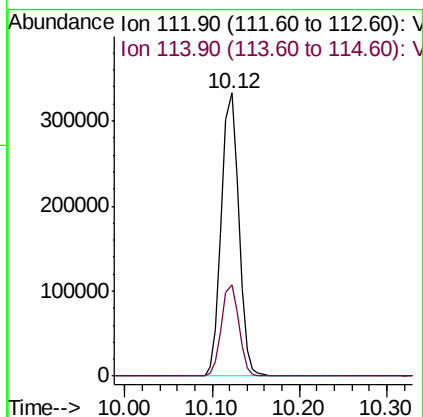
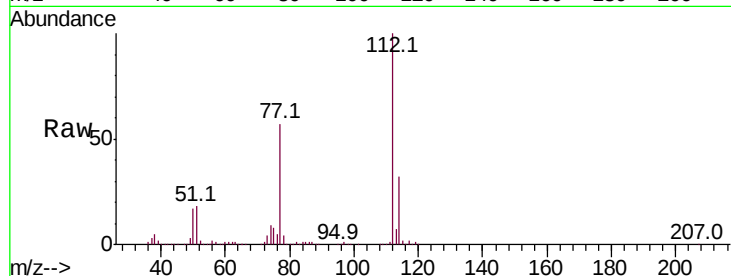




#65
Chlorobenzene
Concen: 53.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

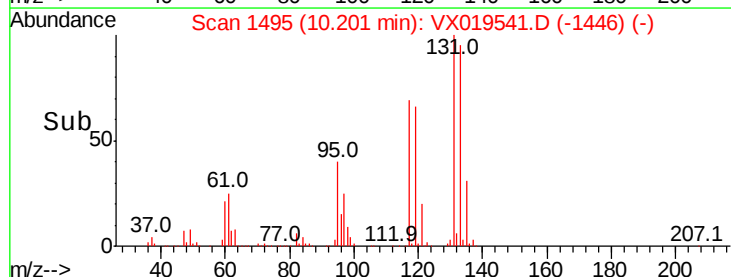
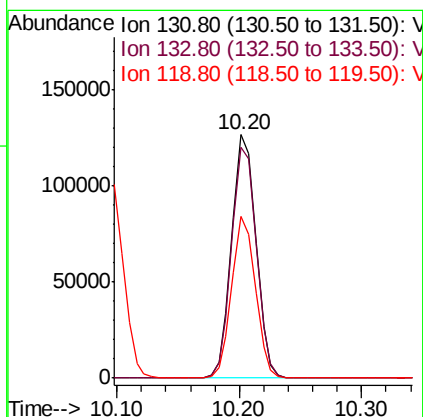
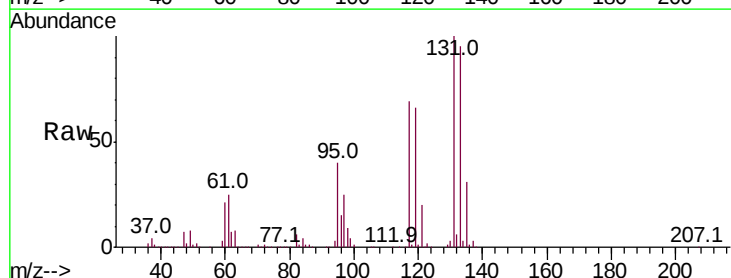
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

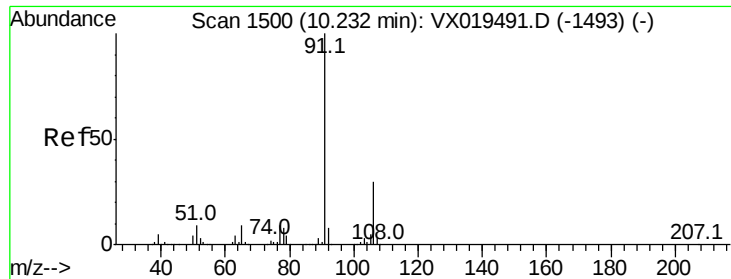
Tot Ion:112 Resp: 459148
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.639 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion:131 Resp: 174731
Ion Ratio Lower Upper
131 100
133 96.3 48.5 145.5
119 64.5 33.0 99.0

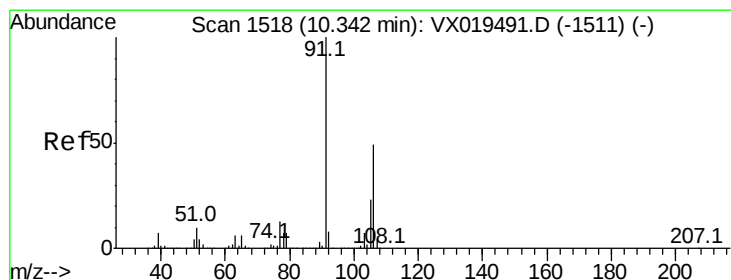
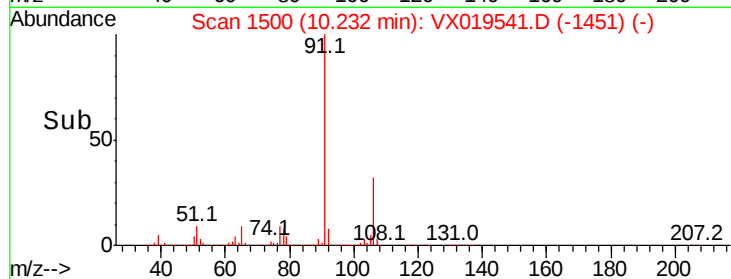
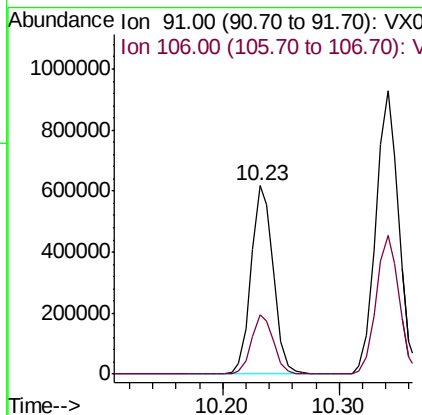
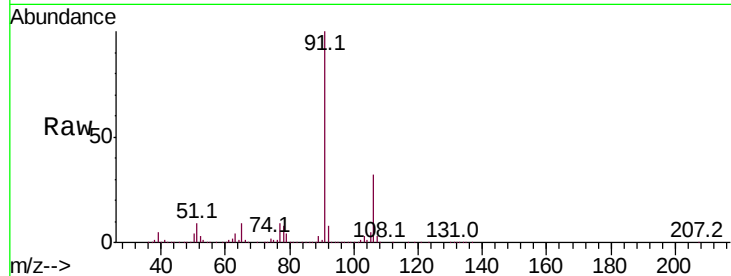




#67
Ethyl Benzene
Concen: 54.138 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

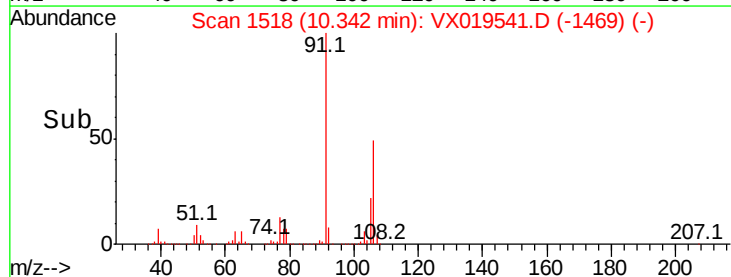
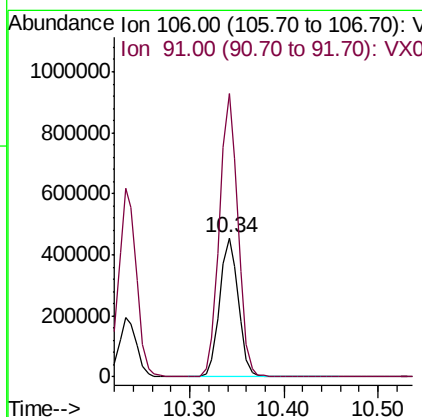
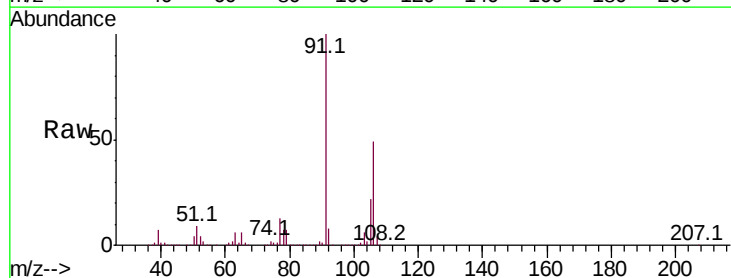
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

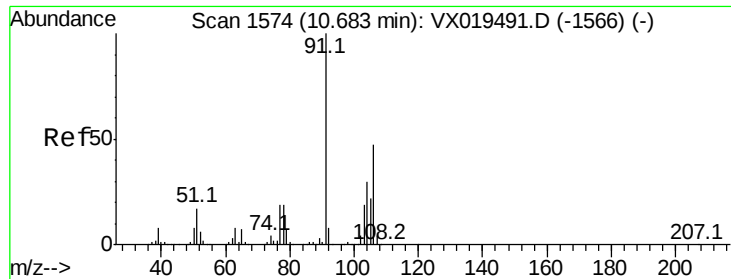
Tot Ion: 91 Resp: 818837
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0



#68
m/p-Xylenes
Concen: 110.971 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 106 Resp: 625324
Ion Ratio Lower Upper
106 100
91 202.4 163.3 244.9

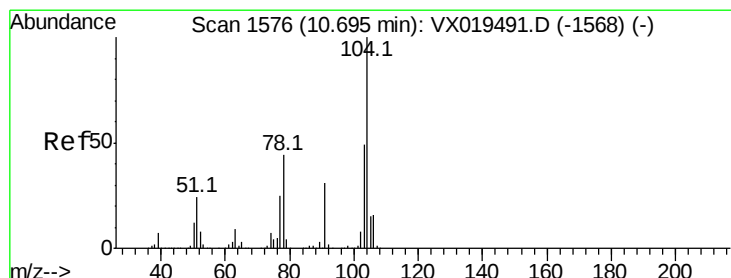
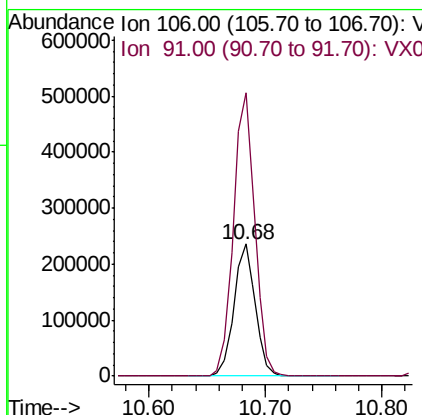
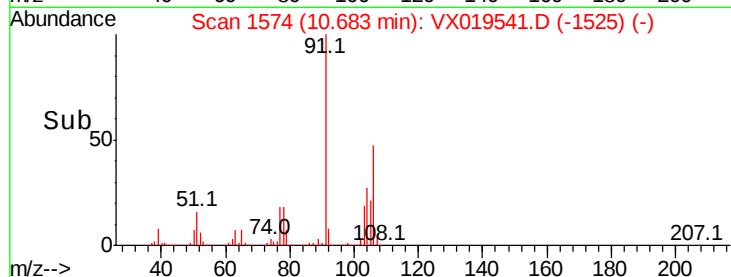
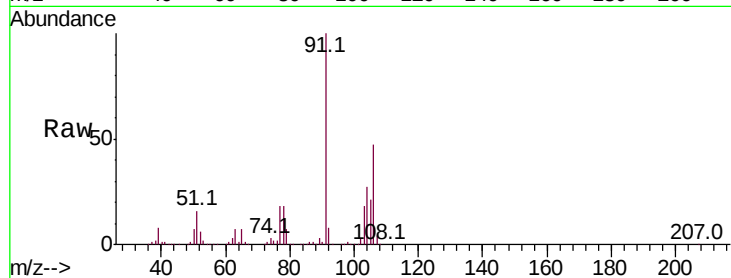




#69
o-Xylene
Concen: 55.815 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

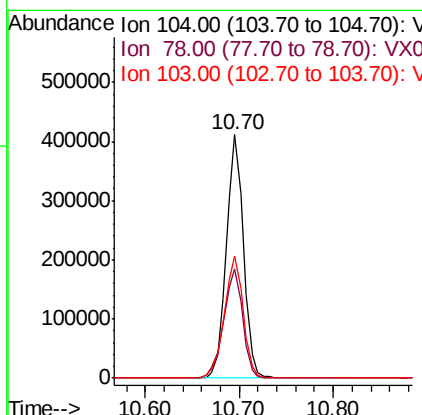
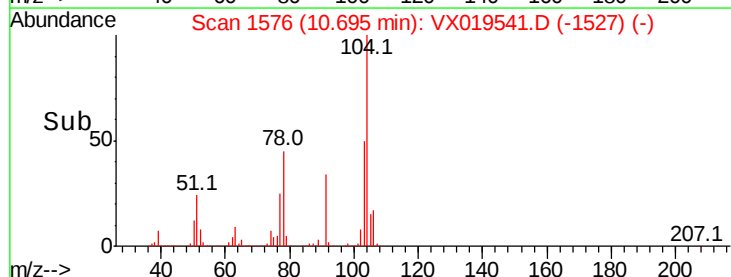
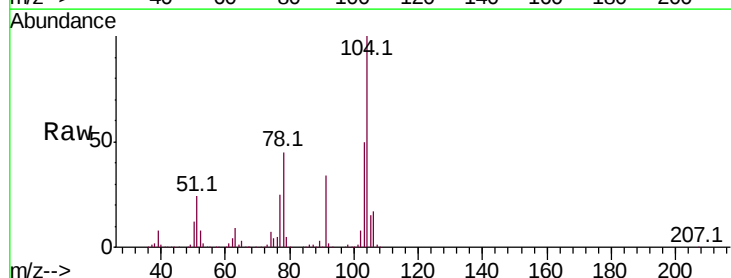
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

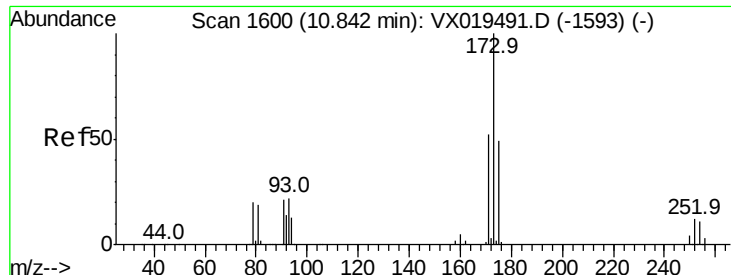
Tot Ion:106 Resp: 300657
Ion Ratio Lower Upper
106 100
91 215.7 108.0 324.0



#70
Styrene
Concen: 51.867 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion:104 Resp: 517805
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.8 43.6 65.4





#71

Bromoform

Concen: 53.405 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

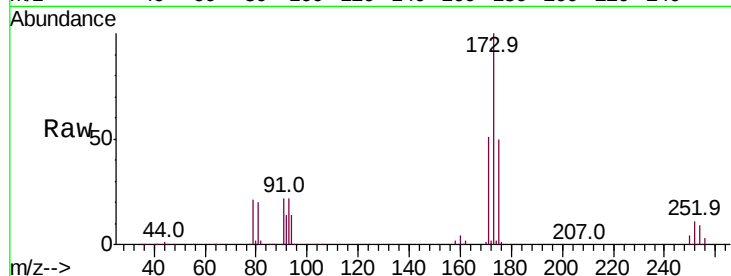
Tot Ion:173 Resp: 142779

Ion Ratio Lower Upper

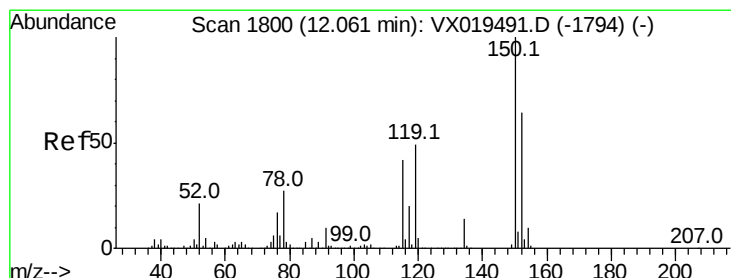
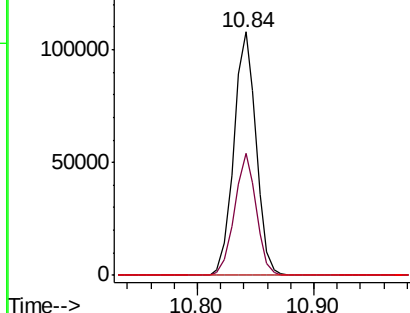
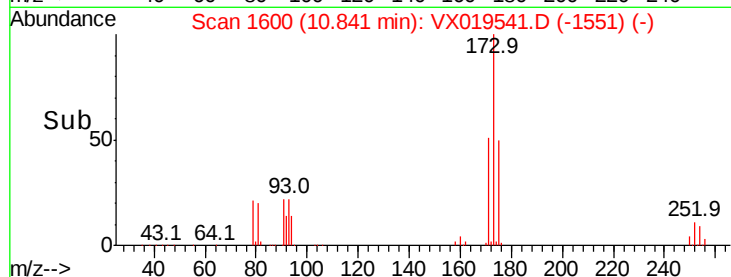
173 100

175 48.9 24.9 74.8

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

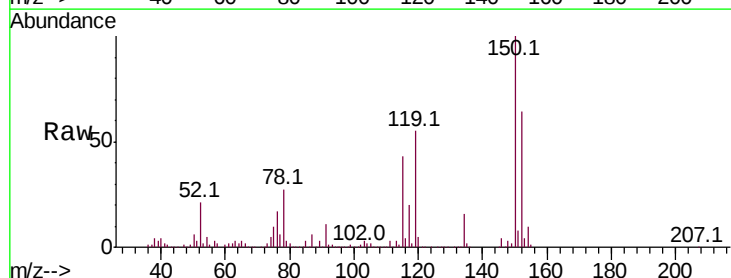
Tgt Ion:152 Resp: 215146

Ion Ratio Lower Upper

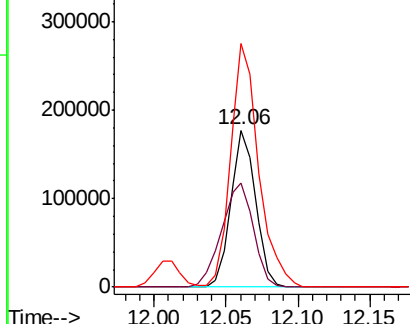
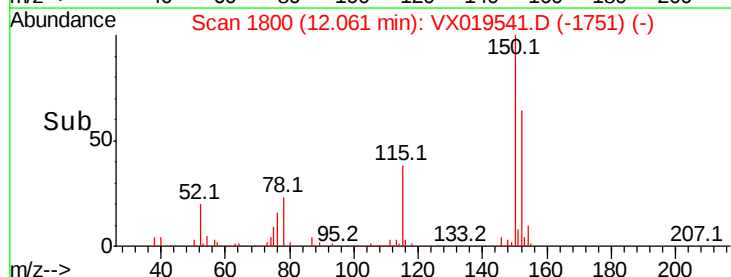
152 100

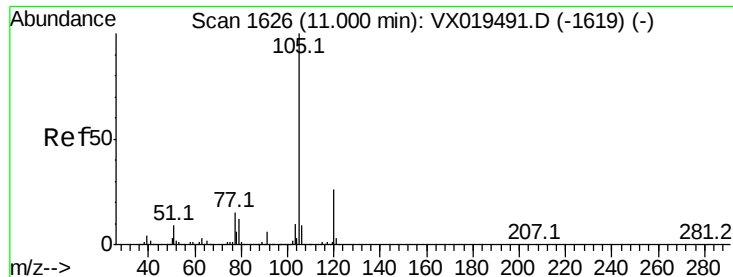
115 84.3 41.8 125.4

150 173.9 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.277 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

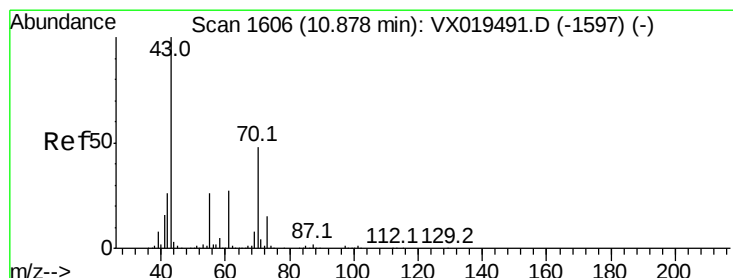
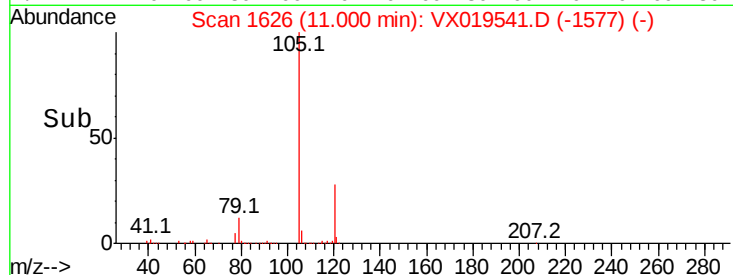
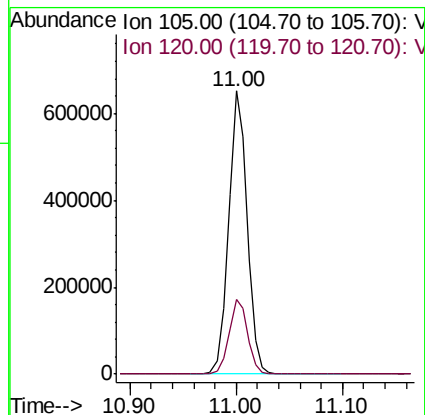
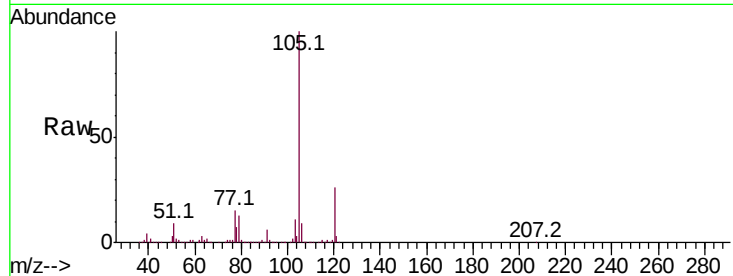
VSTDCCC050

Tot Ion:105 Resp: 792943

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 59.229 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Tgt Ion: 43 Resp: 330320

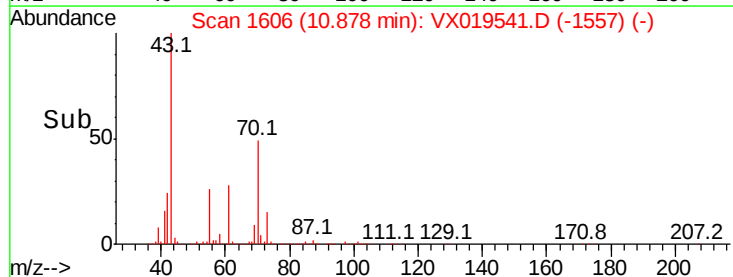
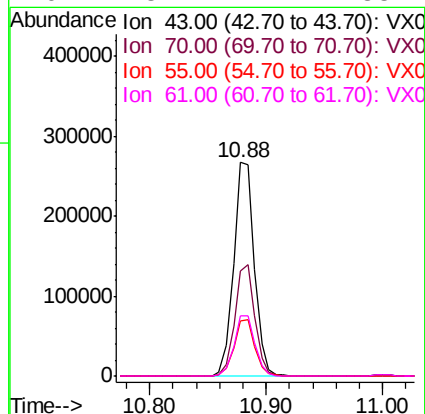
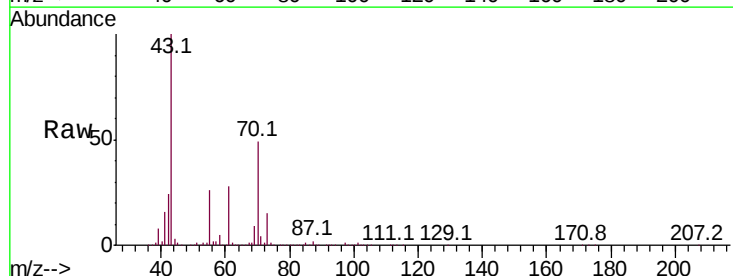
Ion Ratio Lower Upper

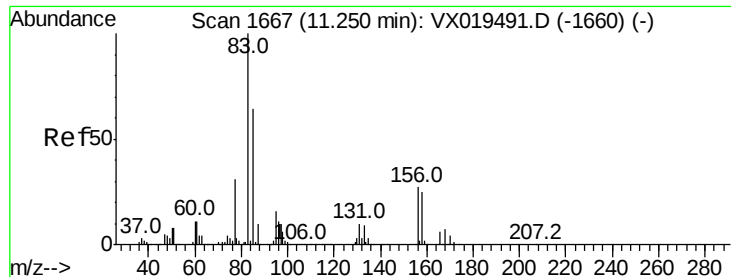
43 100

70 50.6 39.7 59.5

55 26.6 21.8 32.6

61 28.4 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.037 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

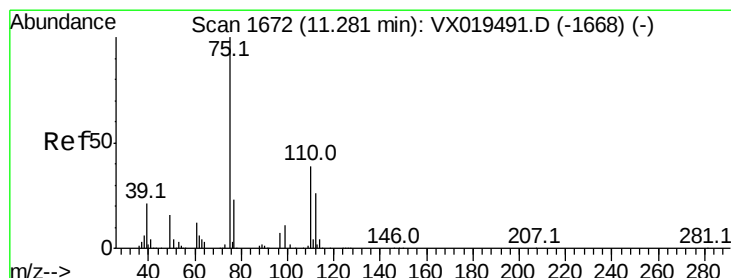
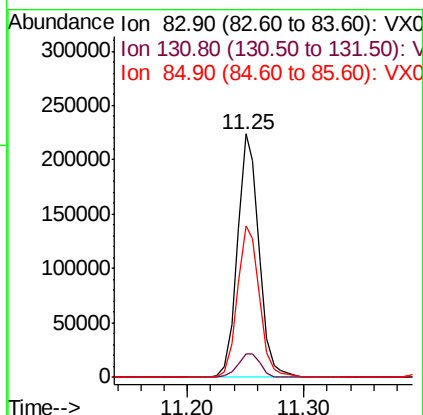
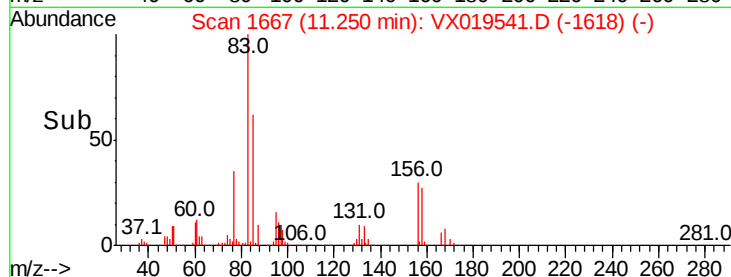
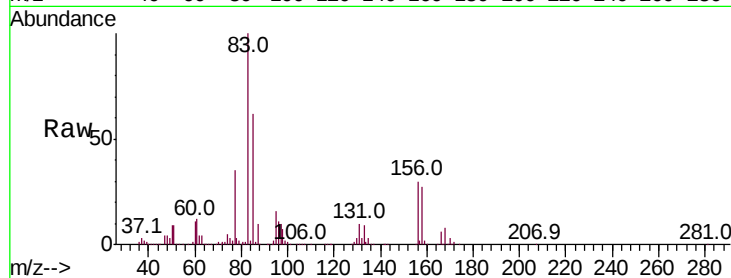
Tot Ion: 83 Resp: 287608

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 63.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 69.574 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019541.D

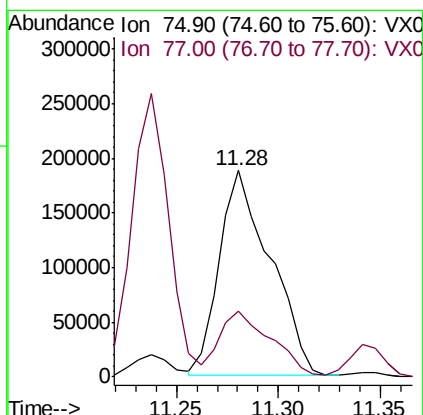
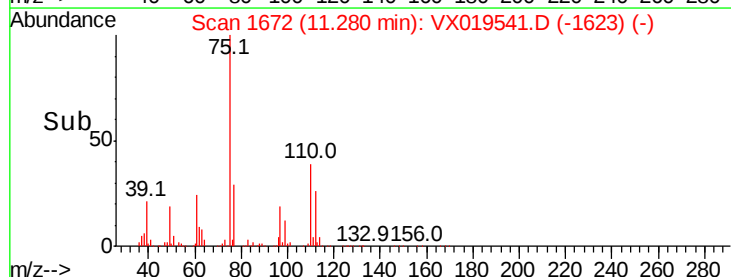
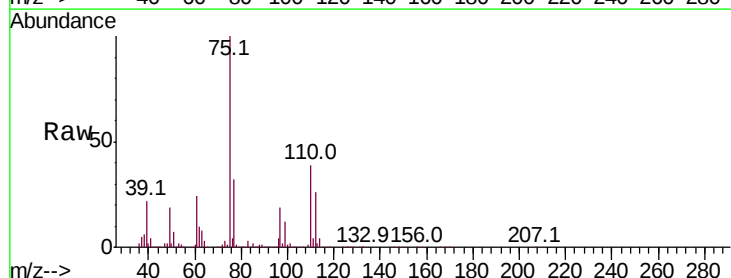
Acq: 23 Nov 2020 10:35

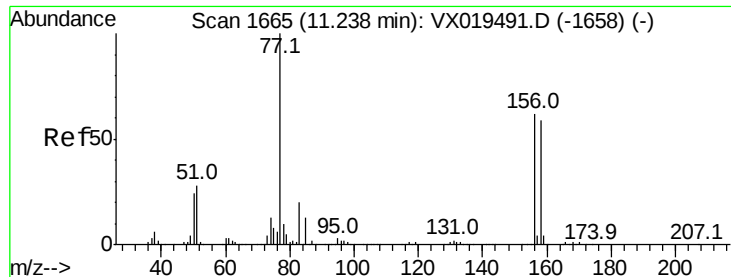
Tgt Ion: 75 Resp: 326667

Ion Ratio Lower Upper

75 100

77 32.4 20.0 60.0





#77

Bromobenzene

Concen: 53.258 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

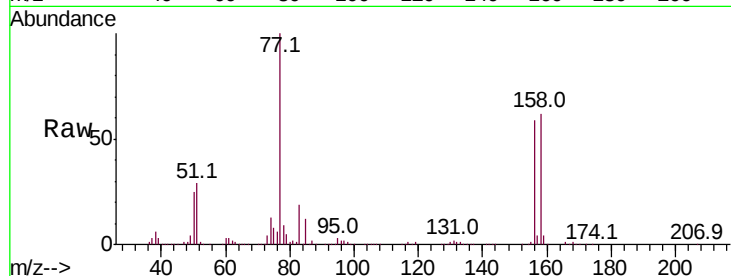
Tot Ion:156 Resp: 202353

Ion Ratio Lower Upper

156 100

77 162.3 82.5 247.3

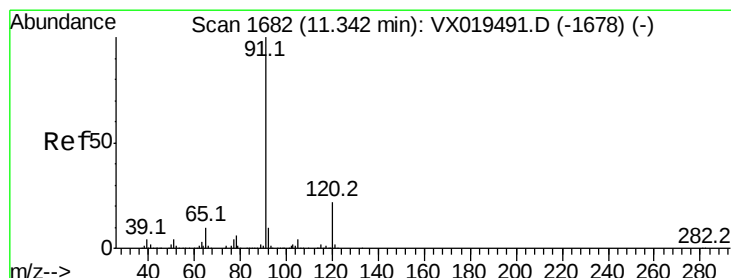
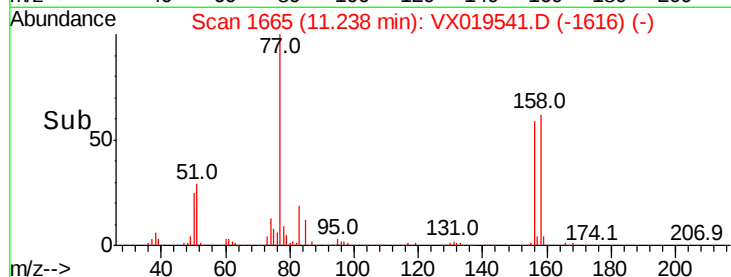
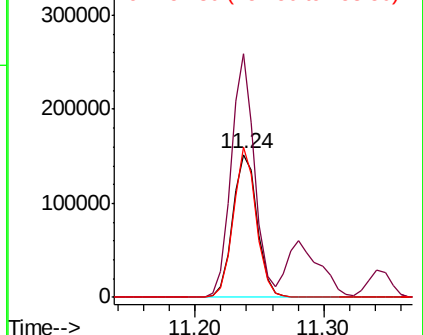
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.853 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019541.D

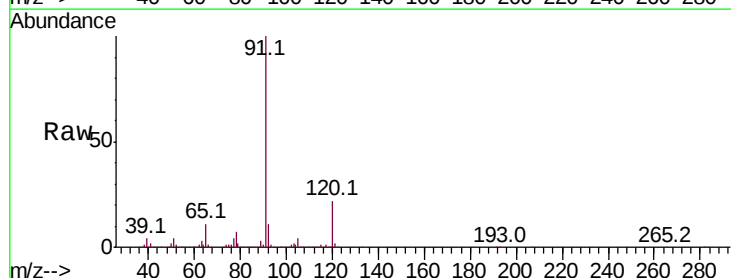
Acq: 23 Nov 2020 10:35

Tgt Ion: 91 Resp: 902412

Ion Ratio Lower Upper

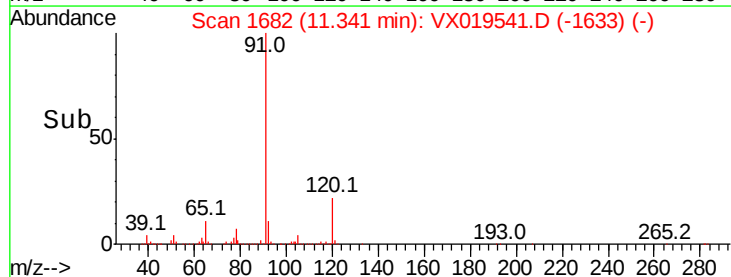
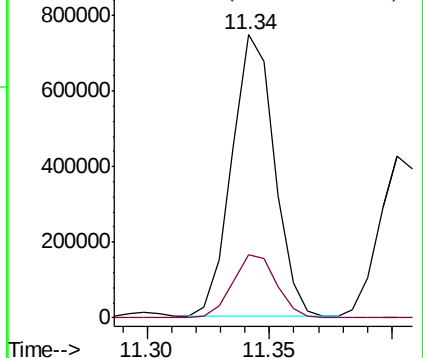
91 100

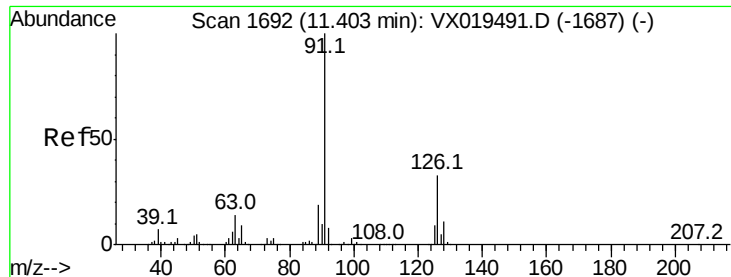
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

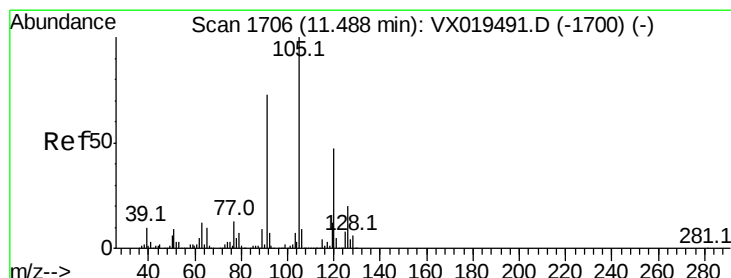
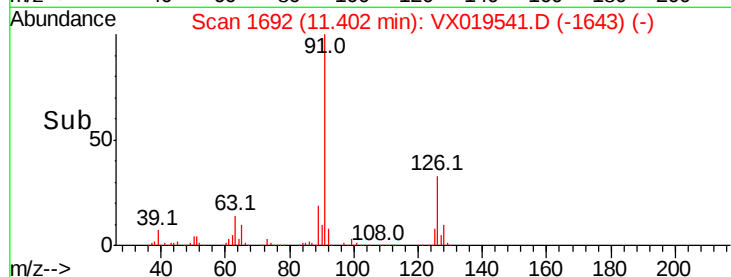
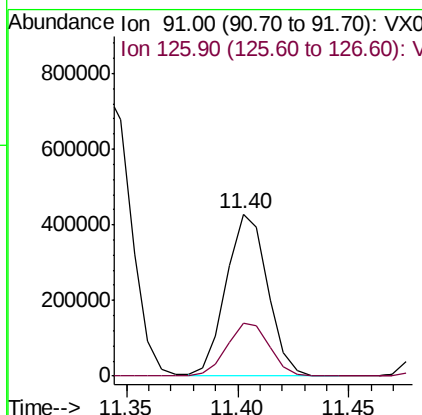
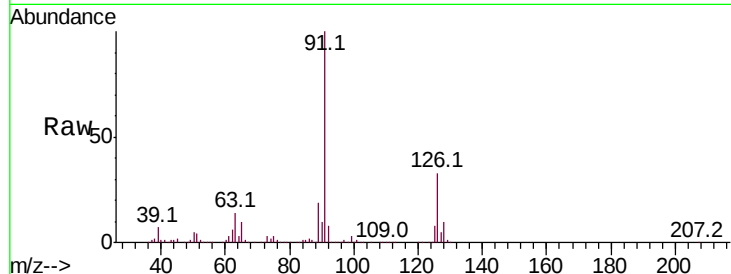




#79
 2-Chlorotoluene
 Concen: 53.514 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

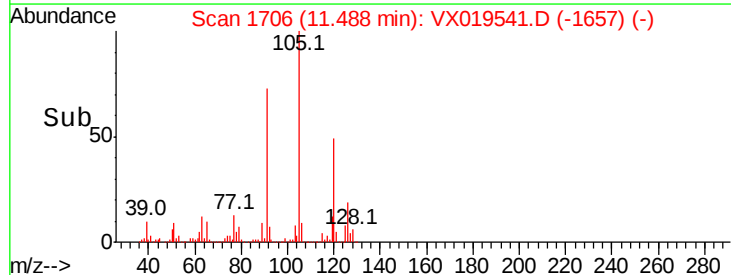
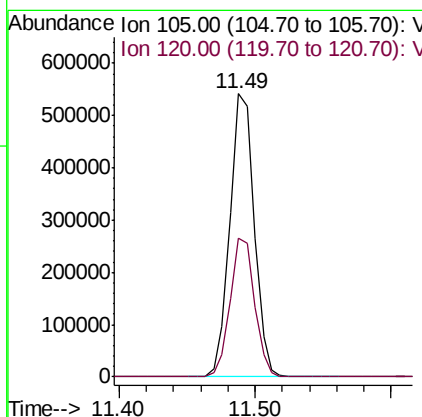
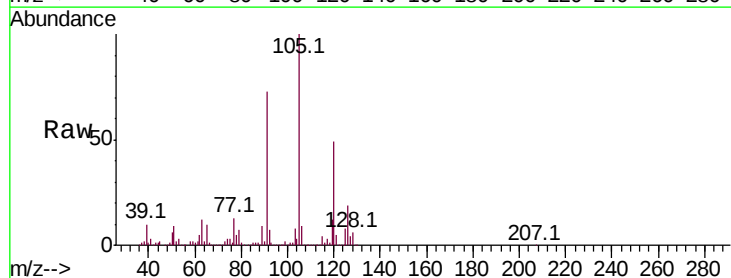
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

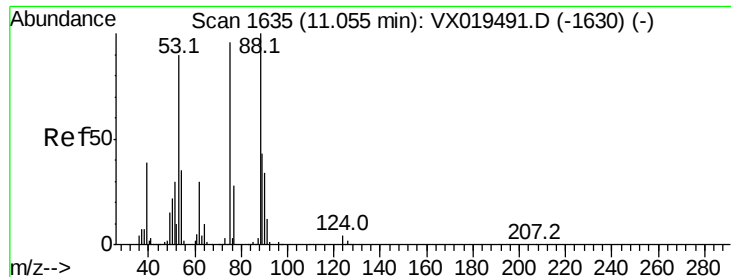
Tot Ion: 91 Resp: 554125
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.164 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion: 105 Resp: 676253
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 56.068 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

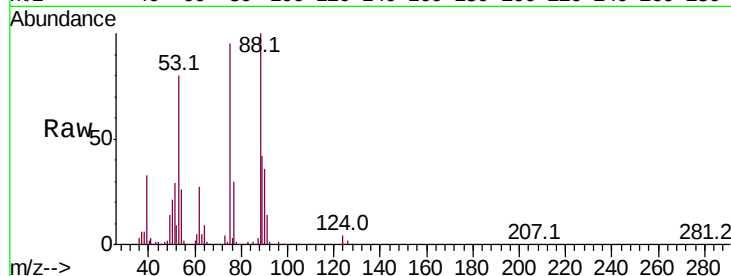
Tot Ion: 75 Resp: 98442

Ion Ratio Lower Upper

75 100

53 89.4 73.9 110.9

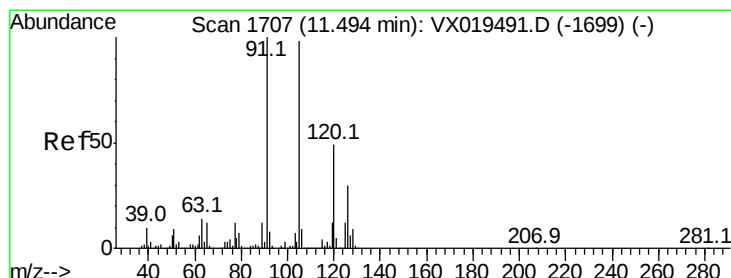
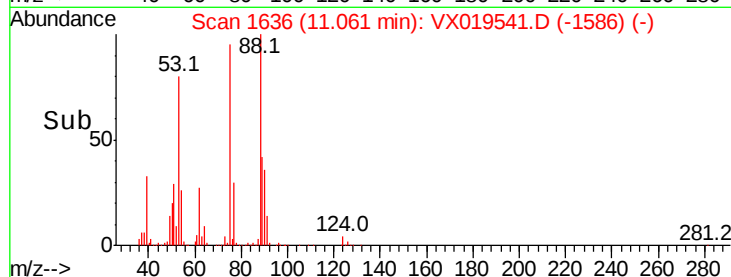
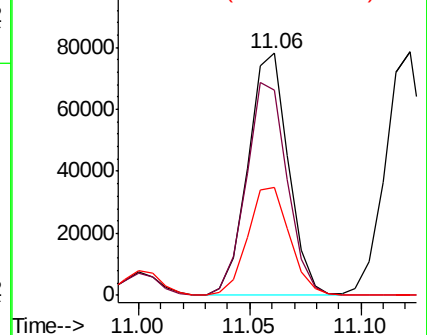
89 46.7 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.401 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019541.D

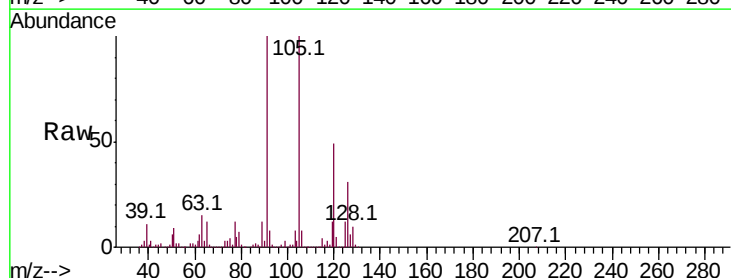
Acq: 23 Nov 2020 10:35

Tgt Ion: 91 Resp: 650941

Ion Ratio Lower Upper

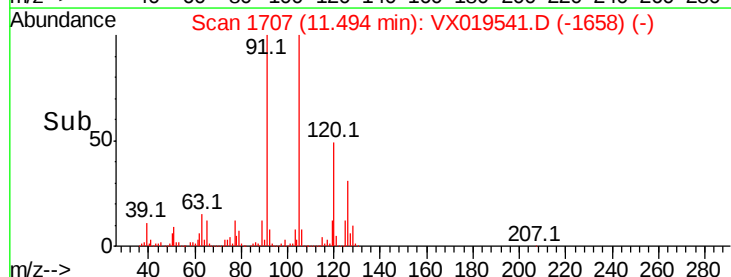
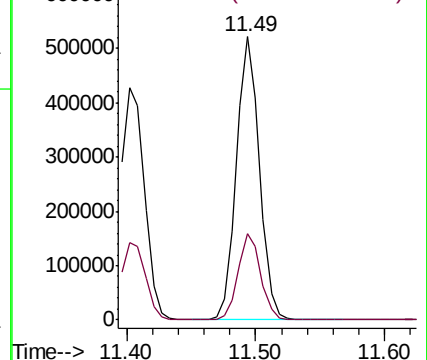
91 100

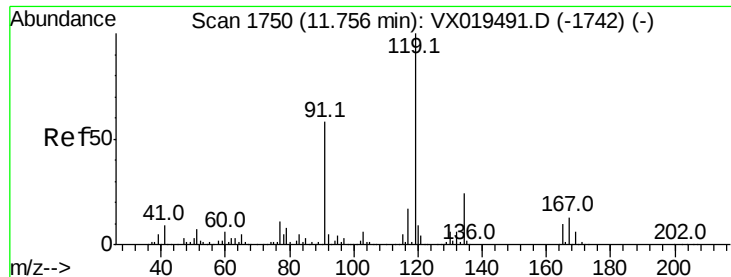
126 29.9 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

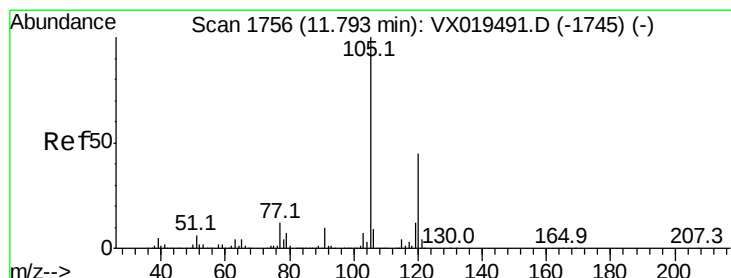
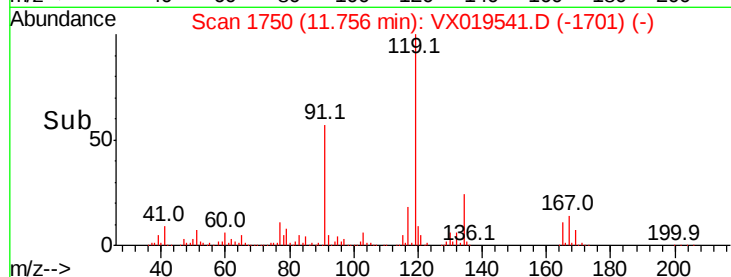
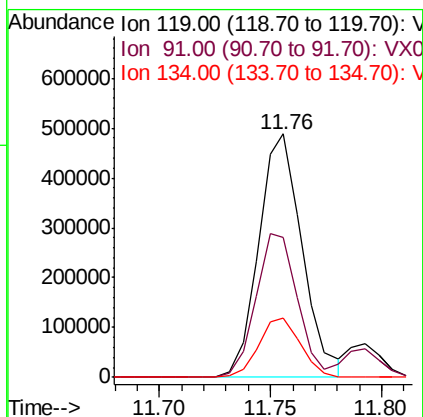
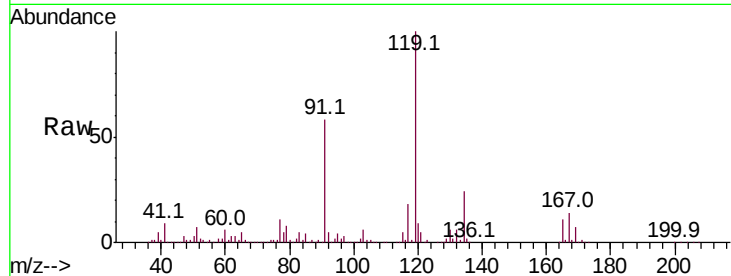




#83
 tert-Butylbenzene
 Concen: 54.726 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

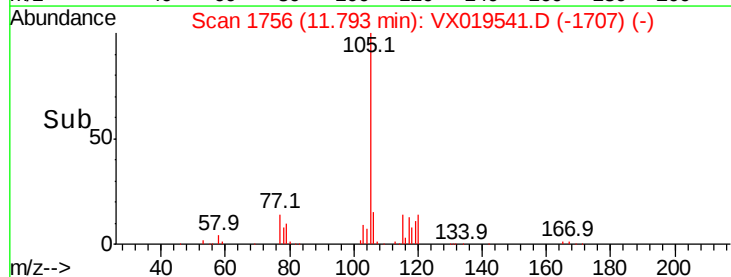
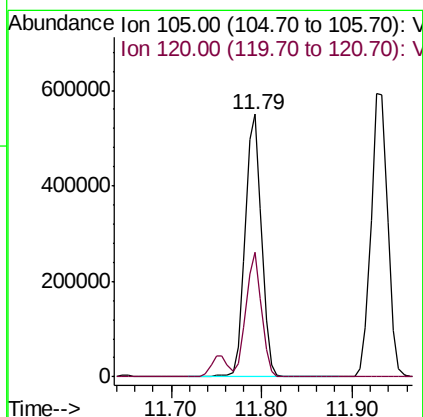
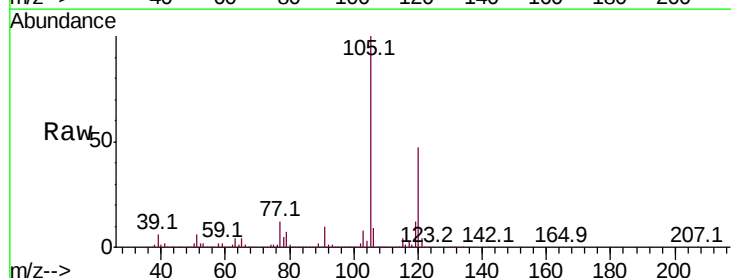
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

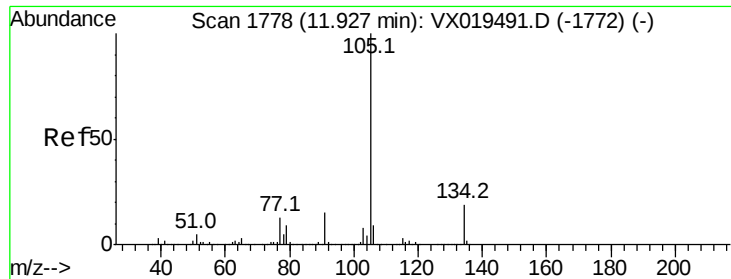
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.9	86.8
134	23.3	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.334 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.2	66.6





#85

sec-Butylbenzene

Concen: 52.735 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

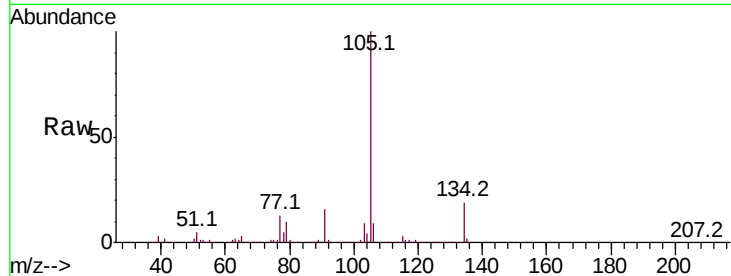
VSTDCCC050

Tot Ion:105 Resp: 757790

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

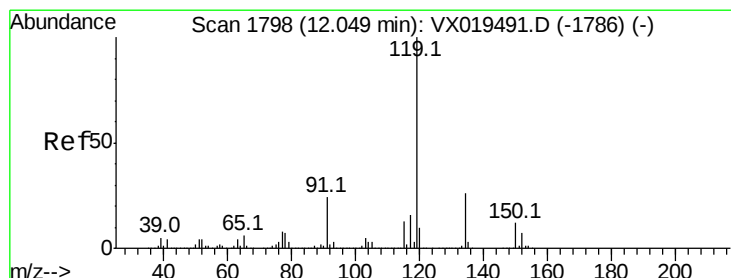
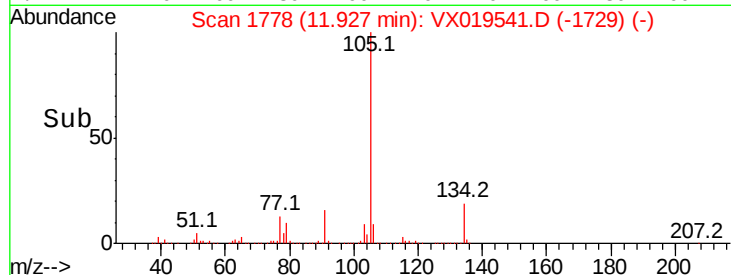
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.167 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

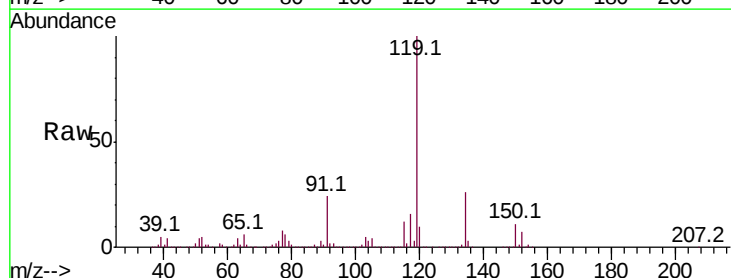
Tgt Ion:119 Resp: 706704

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

800000

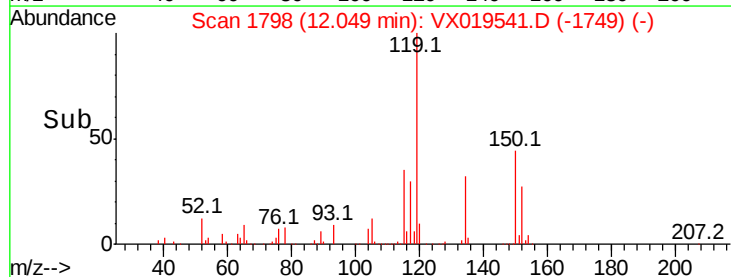
600000

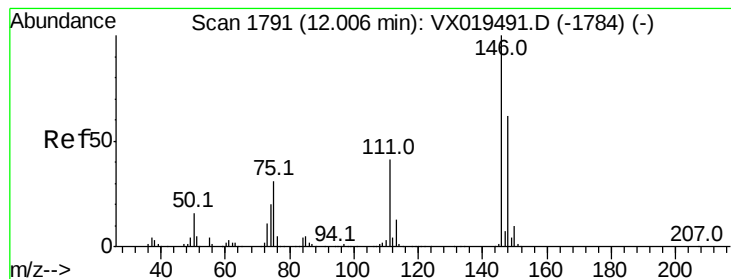
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.846 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

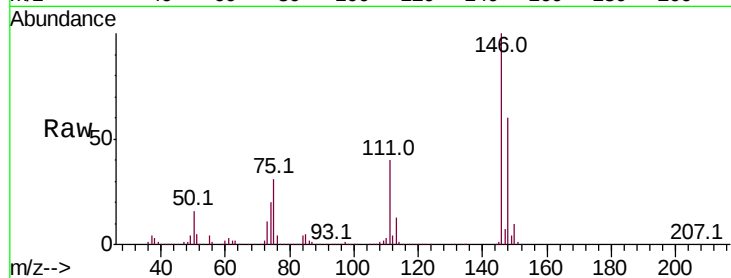
Tot Ion:146 Resp: 368744

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

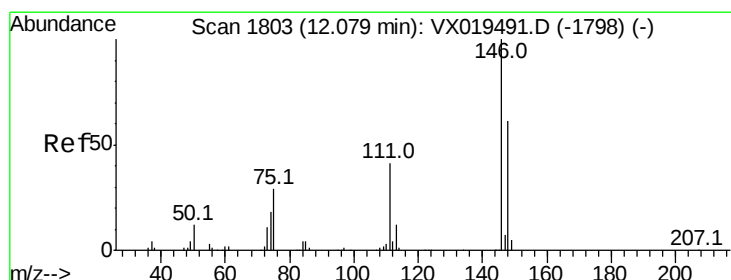
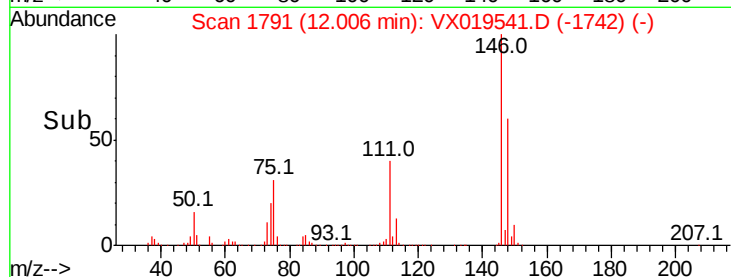
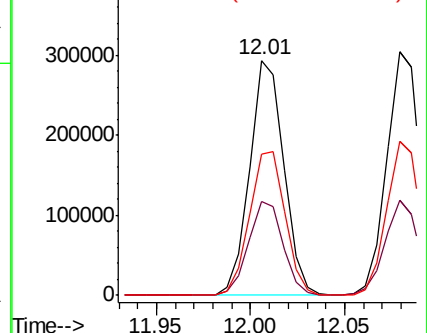
148 63.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.797 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

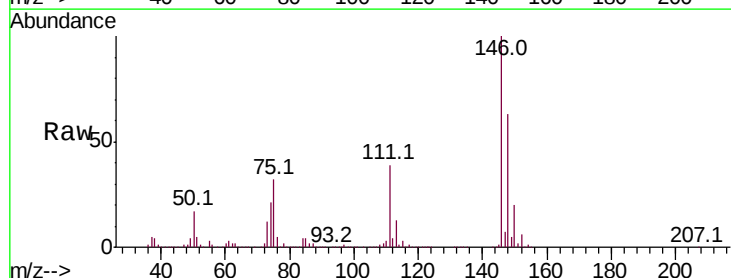
Tgt Ion:146 Resp: 379478

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.6

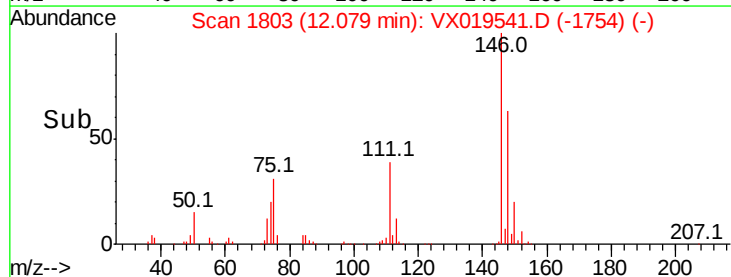
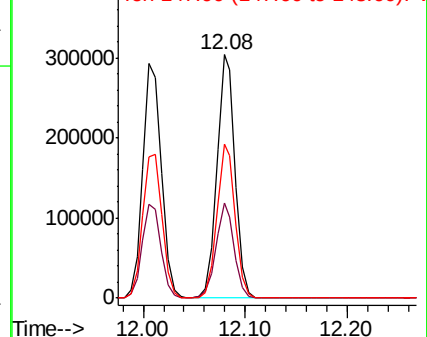
148 63.5 31.7 95.1

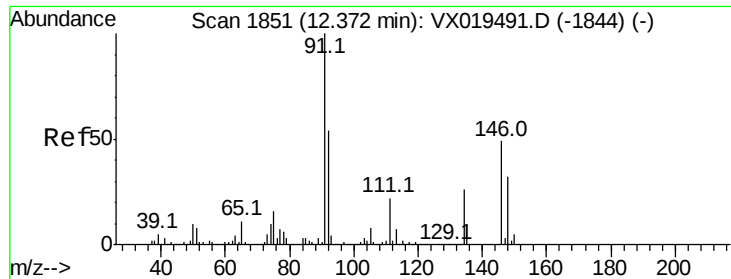


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

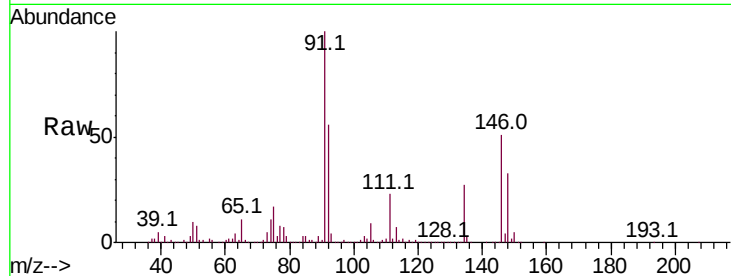




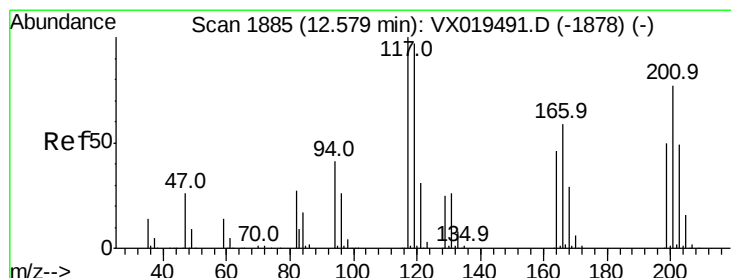
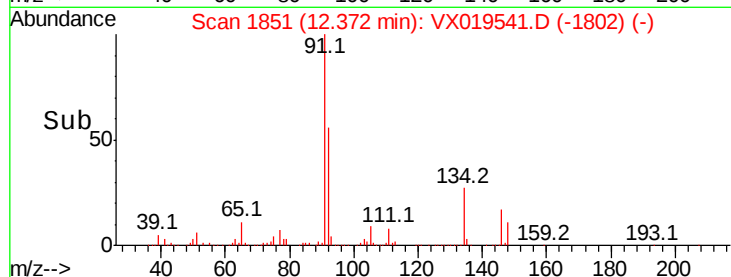
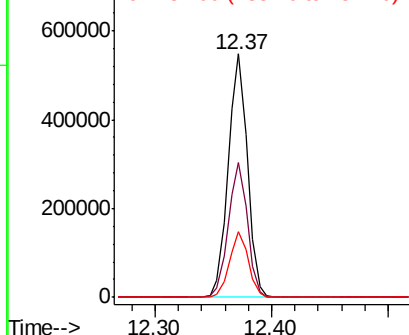
#89
n-Butylbenzene
Concen: 53.041 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 625611
Ion Ratio Lower Upper
91 100
92 55.4 26.9 80.6
134 26.5 12.9 38.6

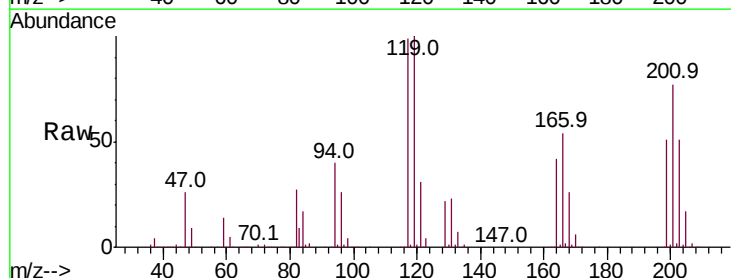


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

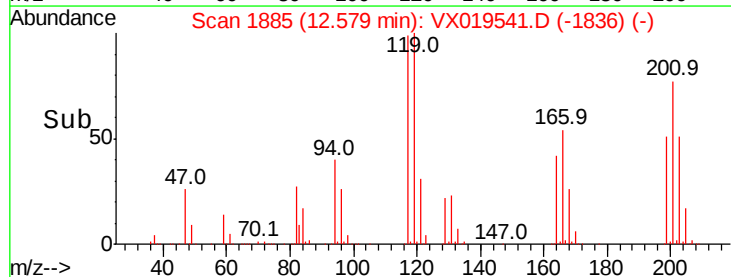
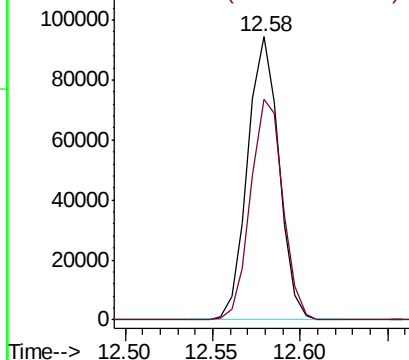


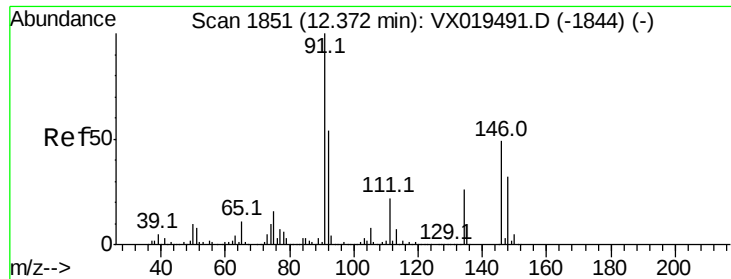
#90
Hexachloroethane
Concen: 54.411 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019541.D
Acq: 23 Nov 2020 10:35

Tgt Ion: 117 Resp: 118787
Ion Ratio Lower Upper
117 100
201 80.2 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

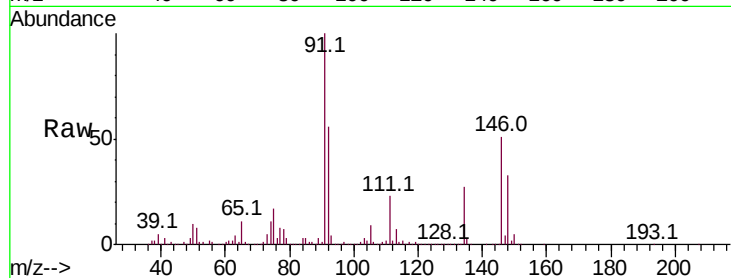




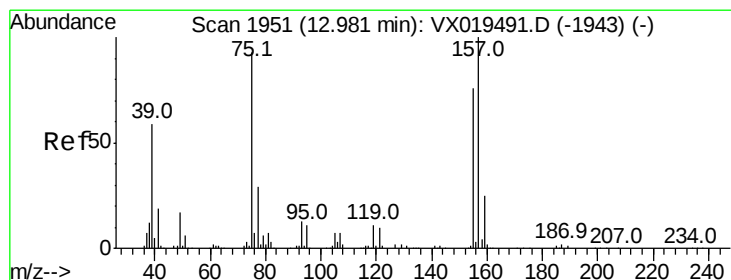
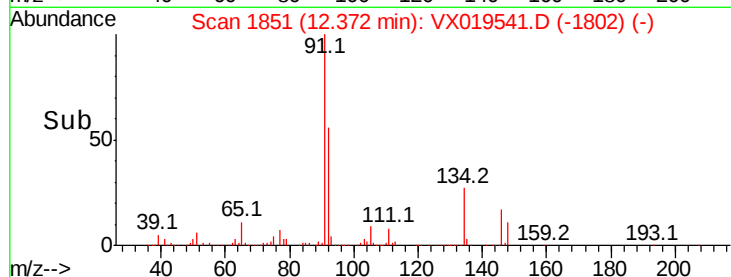
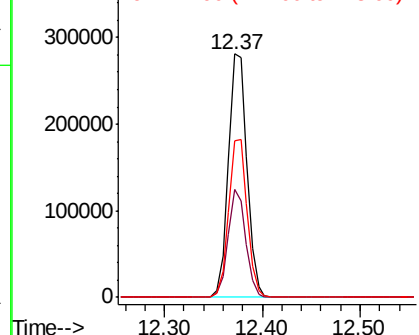
#91
 1,2-Dichlorobenzene
 Concen: 52.665 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.3
148	64.4	32.4	97.0

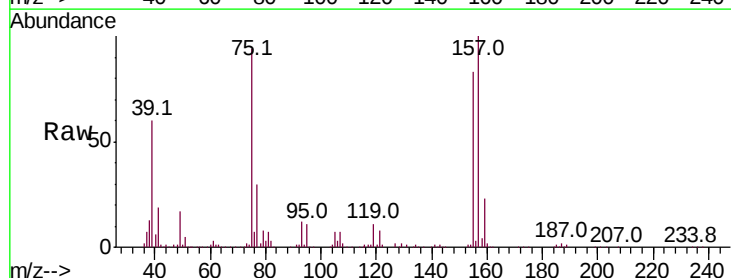


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

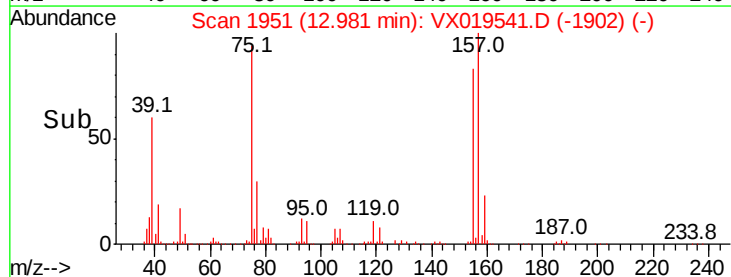
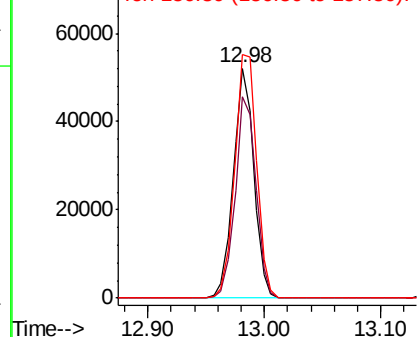


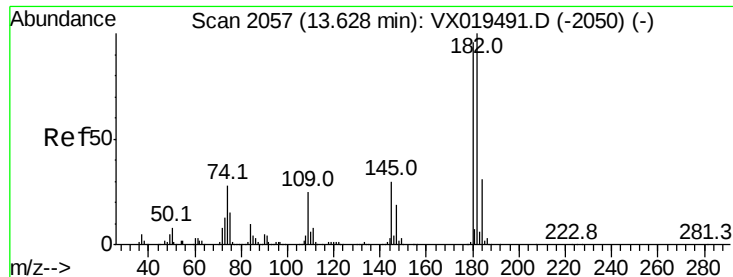
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.798 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	43.6	130.9
157	114.0	57.0	170.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

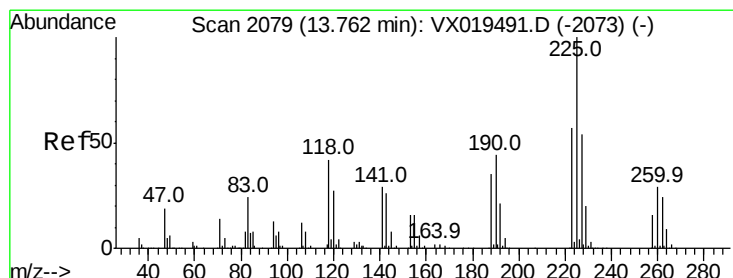
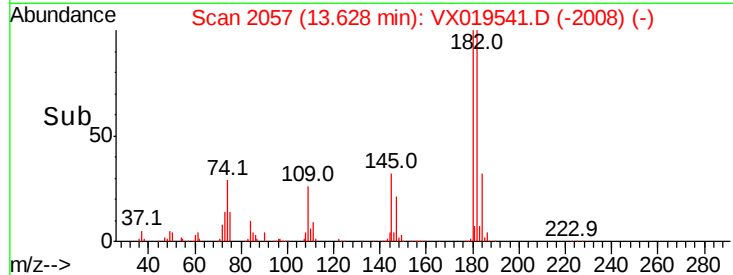
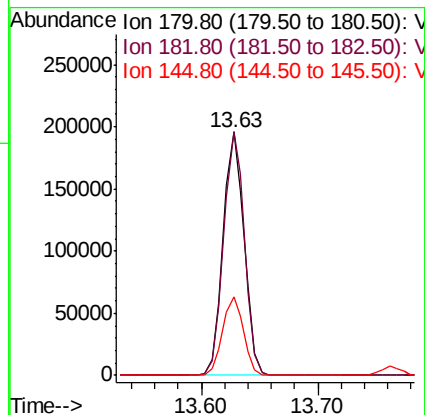
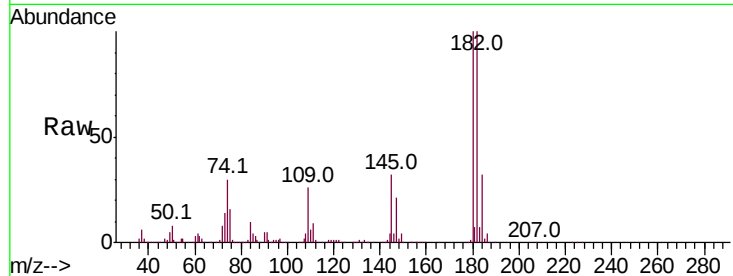




#93
 1,2,4-Trichlorobenzene
 Concen: 53.933 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

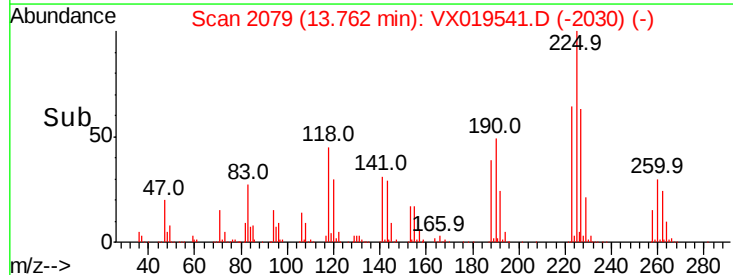
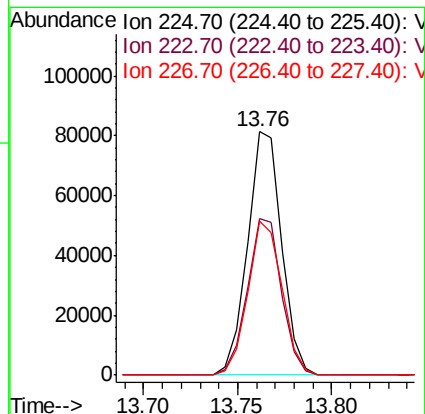
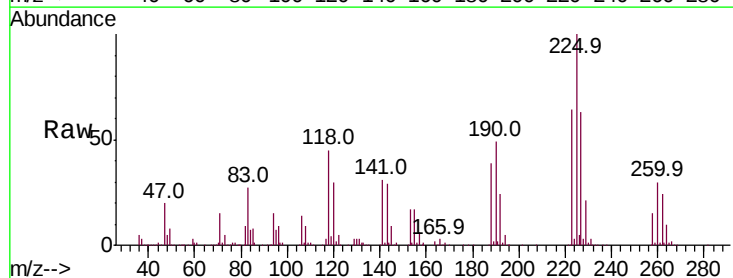
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

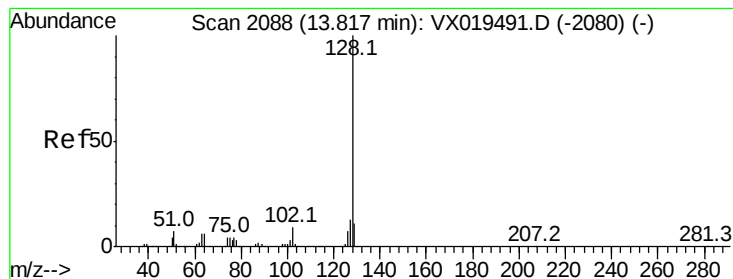
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	48.6	145.9
145	32.2	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 49.607 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019541.D
 Acq: 23 Nov 2020 10:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.5	97.5
227	63.5	32.8	98.3





#95

Naphthalene

Concen: 53.026 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

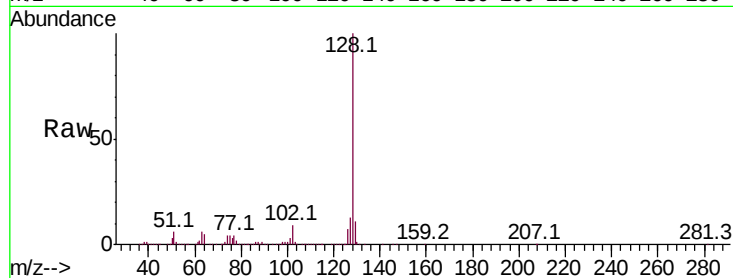
Tot Ion:128 Resp: 843678

Ion Ratio Lower Upper

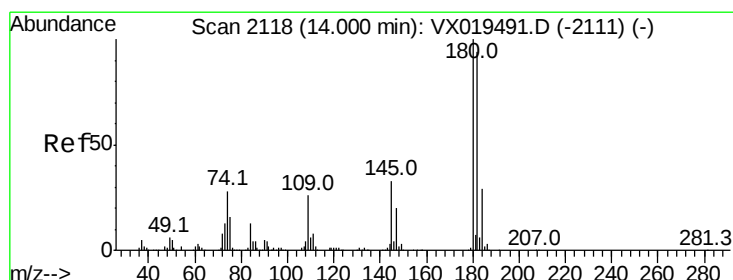
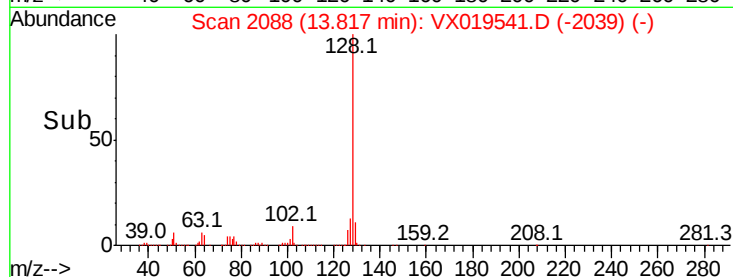
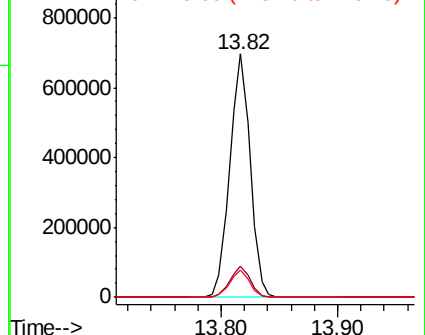
128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.678 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019541.D

Acq: 23 Nov 2020 10:35

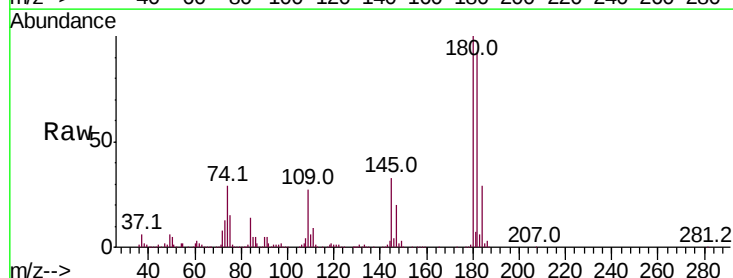
Tgt Ion:180 Resp: 250581

Ion Ratio Lower Upper

180 100

182 93.5 48.1 144.3

145 32.5 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

